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## THE

## OXYRHYNCHUS PAPYRI PART XII

GRENFELL AND HUNT


## EGYPT EXPLORATION FUND GRAECO-ROMAN BRANCH

# THE <br> OXYRHYNCHUS PAPYRI <br> <br> PART XII 

 <br> <br> PART XII}

## EDITED WITH TRANSLATIONS AND NOTES

BY

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## WITH TWO PLATES

## LONDON

sold at
The Offices of the EGYPT EXPLORATION FUND, 37 Great Russell Street, W.C. and 527 Tremont Temple, Boston, Mass., U.S.A.

Bernard Quaritch, if Grafton Street, New Bond Street, IW.
ASHER \& CO., 14 Bedford Street, Covent Garden, W.C.
humphrey milford, Amen Corner, E.C., and 29-35 West 32nd Street, New York, U.S.A.
C. F. CLAY, Fetter Lane, E.C., and 100 Princes Street, Edinburgh; and

KEGAN PAUL, TRENCH, TRÜBNER \& CO., 68-74 Carter Lane, E.C.
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PRINTED IN ENGLAND AT THE OXFORD UNIVERSITY PRESS

## PREFACE

As we announced in the preface of Part XI, which consisted of literary papyri, the present volume contains official and private documents. Most of these, including all those in the two most important sections(i Edicts and Circular Letters, and ii The Senate of Oxyrhynchus), illustrate the period from Septimius Severus to Constantine; the others belong to the earlier period of Roman domination in Egypt. With a few exceptions, the 189 texts were discovered in 1904-6. The decipherment and translation of them had in the main been effected by June, 1915: since then Prof. Hunt's military duties have generally kept him away from Oxford, and the commentary unfortunately lacks his accustomed share in its composition ; but he has made many suggestions upon the proofs. These have also been read by Mr. J. G. Milne, to whom we are indebted for some valuable criticisms on points of numismatics. Dr. J. K. Fotheringham kindly undertook on our behalf some interesting astronomical calculations in connexion with the chronology of the Emperors from Decius to Diocletian, upon which obscure subject the new horoscopes throw considerable light ; cf. pp. 229 sqq.

Part XIII, which is in preparation, will contain two sections (Contracts and Private Accounts) for which there was not space in this volume, but will consist largely of literary pieces, both theological and classical. Among these are parts of two lost dithyrambs of Pindar, and of two new speeches by Lysias and one by Lycurgus, besides considerable fragments of Pindar's Olympian Odes and Herodotus, Book III.

> BERNARD P. GRENFELL.

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## NOTE ON THE METHOD OF PUBLICATION AND LIST OF ABBREVIATIONS

THE general method followed in this volume is the same as that in Parts I-XI, except that the minor documents are now in nearly all cases given in full. The texts, being non-literary, are all given in modern form with accentuation and punctuation. Abbreviations and symbols are resolved; additions and corrections are usually incorporated in the text, their occurrence being recorded in the critical apparatus, where also faults of orthography, \&c., are corrected if they seemed likely to give rise to any difficulty. Where additions or corrections are distinguished, those by the same hand as the body of the text are in small thin type, those by a different hand in thick type. Iota adscript has been printed when so written ; otherwise iota subscript is employed. Square brackets [] indicate a lacuna, round brackets ( ) the resolution of a symbol or abbreviation, angular brackets $\rangle$ a mistaken omission in the original, braces $\}$ a superfluous letter or letters, double square brackets [[] a deletion in the original. Dots placed within brackets represent the approximate number of letters lost or deleted; dots outside brackets indicate mutilated or otherwise illegible letters. Letters with dots underneath them are to be considered doubtful. Heavy Arabic numerals refer to the texts of the Oxyrhynchus Papyri in this volume and Parts I-XI, or in the case of Nos. 1626-1655 to the forthcoming Part XIII ; ordinary numerals refer to lines, small Roman numerals to columns. In the critical apparatus $\Pi$ indicates the papyrus in question.

The abbreviations used in referring to papyrological publications are practically those adopted in the Archiv fiir Papyrusforschung, viz. :Archiv $=$ Archiv fïr Papyrusforschung.
B. G. U. = Aeg. Urkunden aus den K. Museen zu Berlin, Griechische Urkunden. C. P. Herm. = Corpus Papyrorum Hermopolitanorum, Vol. I, by C. Wessely.
C. P. R. = Corpus Papyrorum Raineri, Vol. I, by C. Wessely.

Griech. Texte $=$ Griechische Texte aus Aegypten, by P. M. Meyer.
M. Chrest. $=$ L. Mitteis, Chrestomathie.
P. Amh. = The Amherst Papyri, Vols. I-II, by B. P. Grenfell and A. S. Hunt.
P. Brit. Mus. = Greek Papyri in the British Museum, Vols. I-II, by F. G. Kenyon ; Vol. III, by F. G. Kenyon and H. I. Bell; Vol. IV, by H. I. Bell.
P. Cairo $=$ Catalogue des Antiquités égyptiennes du Musée du Caire, Greek Papyri, by B. P. Grenfell and A. S. Hunt.
P. Cairo Maspero $=$ Catalogue des Antiquités égyptiennes du Musée du Caire, Papyrus grecs d'époque byzantine, by J. Maspero.
P. Cairo Preisigke $=$ Griechische Urkunden des Aeg. Museums zu Cairo, by F. Preisigke.
P. Fay. = Fayûm Towns and their Papyri, by B. P. Grenfell, A. S. Hunt, and D. G. Hogarth.
P. Flor. = Papiri Fiorentini, Vols. I and III, by G. Vitelli; Vol. II, by D. Comparetti.
P. Gen. = Les Papyrus de Genève, Vol. I, by J. Nicole.
P. Giessen = Griechische Papyri zu Giessen, Vol. I, by E. Kornemann, O. Eger, and P. M. Meyer.
P. Goodsp. = Greek Papyri from the Cairo Museum, \&c., by E. J. Goodspeed.
P. Grenf. = Greek Papyri, Series I, by B. P. Grenfell; Series II, by B. P. Grenfell and A. S. Hunt.
P. Halle $=$ Dikaiomata, \&c., by the Graeca Halensis.
P. Hamburg $=$ Griech. Papyrusurkunden der Hamburgischen Stadtbibliothek, by P. M. Meyer.
P. Hibeh = The Hibeh Papyri, Part I, by B. P. Grenfell and A. S. Hunt.
P. Iand. = Papyri Iandanae, by E. Schaefer and others.
P. Klein. Form. $=$ Griech. Papyrusurkunden kleineren Formats, Studien $z$. Palaeogr. und Papyruskunde iii, viii, by C. Wessely.
P. Leipzig $=$ Griechische Urkunden der Papyrussammlung zu Leipzig, Vol. I, by L. Mitteis.
P. Leyden $=$ Papyri Graeci Musei Antiquarii Publici Lugduni-Batavi, by C. Leemanns.
P. Lille $=$ Papyrus grecs de Lille, by P. Jouguet, J. Lesquier, and others.
P. Munich = Veröffentlichungen aus der Papyrussammlung zu München, Part I, by A. Heisenberg and L. Wenger.
P. Oxy. = The Oxyrhynchus Papyri, Parts I-VI and X-XI, by B. P. Grenfell and A. S. Hunt ; Parts VII-IX, by A. S. Hunt.
P. Par. = Les Papyrus grecs du Musée du Louvre, Notices et Extraits, t. xviii. 2, by W. Brunet de Presle and E. Egger.
P. Petrie $=$ The Flinders Petrie Papyri, Parts I-II, by J. P. Mahaffy ; Part III, by J. P. Mahaffy and J. G. Smyly.
P. Reinach $=$ Papyrus grecs et démotiques, by T. Reinach.
P. Rev. Laws = The Revenue Laws of Ptolemy Philadelphus, by B. P. Grenfell, with an introduction by J. P. Mahaffy.
P. Ryl. = Catalogue of the Greek Papyri in the Rylands Library, Vol. I, by A. S. Hunt ; Vol. II, by J. de M. Johnson, V. Martin, and A. S. Hunt.
P. S. I. = Papiri della Società Italiana, Vols. I-III, by G. Vitelli and others.
P. Strassb. = Griech. Papyrus der K. Universitätsbibliothek zu Strassburg, Vol. I, by F. Preisigke.
P. Stud. Pal. = Studien zur Palaeographie und Papyruskunde, by C. Wessely.
P. Tebt. = The Tebtunis Papyri, Part I, by B. P. Grenfell, A. S. Hunt, and J. G. Smyly ; Part II, by B. P. Grenfell, A. S. Hunt, and E. J. Goodspeed; Part III, in preparation.
P. Thead. $=$ Papyrus de Théadelphie, by P. Jouguet.

Preisigke, S. $B .=$ Sammelbuch Griechischer Urkunden aus Aegypten, Vol. I, by F. Preisigke.
W. Chrest. $=\mathrm{U}$. Wilcken, Chrestomathie.

Wilcken, Ost. = Griechische Ostraka, by U. Wilcken.

## I. EDICTS AND CIRCULAR LETTERS

1405. Rescript of Severus: Application to a Strategus.

$$
13.7 \times 7.5 \mathrm{~cm} . \quad \text { Third century }
$$

This papyrus, written in a small cursive hand, is an application to a strategus by a man who had been appointed to the office of collector of money-taxes in a village of the Oxyrhynchite nome, and proposed to evade the duty by giving up his property in accordance with an Imperial rescript, of which a copy is prefixed. It is closely parallel to B.G.U. 473 (M. Chrest. 375), which contains part of the beginning of what was no doubt a similar application to a third-century strategus, preceded by a rescript of Septimius Severus and Caracalla concerning the cessio bonorum. In B. G. U. 473 the right-hand half of the lines is missing, and 1405 also is incomplete, having lost the earlier part of the rescript and the end of the application. The strategus, Aurelius Leonides, who is mentioned in 890. 5, a third-century letter without a date, held office in the third year of an unnamed emperor, who on palaeographical grounds probably belonged to the period from Elagabalus to Valerian, so that the rescript, which is dated in Pharmouthi of the 8th year of, probably, a joint reign (cf. 1. 8 тa $\mu \in \hat{i} o v ~ \grave{\eta} \mu \hat{\omega} \nu$ ), would in any case appear to have been issued by Severus and Caracalla; the fact that its date coincides in respect of the month and number of the regnal year with the date of the parallel rescript in B. G. U. 473 leaves little room for doubt as to the reign. 1405 in any case provides another specimen of the $\theta \epsilon i a \iota \delta \iota a \tau \dot{a} \xi \in \iota s$ referred to in C. P. R. 20 (W. Chrest. 402), which supplies the chief evidence concerning the cessio bonorum as a means of evading liturgies; cf. Mitteis's commentary, Jouguet, Vie municipalc, 412-I5, and 1416. 6 and 1642, which also bear on this subject.

While the rescript in B. G. U. 473 appears, so far as it can be reconstructed. to be mainly a guarantee in general terms to some individual that the renunciation of his property would exempt him from further claims (cf. Mitteis, Hermes,
xxxii． $6_{51}$ ），the rescript in 1405 evidently provided some more interesting details， but is too incomplete to be at all clear．The recipient had been appointed to a liturgy，the nature of which depends on the restoration of the critical 1．6： perhaps it was a municipal office of some kind，as in C．P．R． 20 and 1642；but the date of the rescript（A．D．200）is apparently a year or two earlier than the establishment of senates in Egypt（cf．1406．int．）．He seems to have proposed to cede his property to the Imperial fiscus instead of performing the duty； but his proposition was declined by the Emperors，who awarded the property to his nominator and made this person responsible for the liturgy，at the same time guaranteeing the recipient of the rescript against loss of status and corporal punishment．

The application to the strategus which follows throws some new light on the methods of appointing collectors of money－taxes in villages．In the second century they were usually chosen by lot by the epistrategus from lists supplied to the strategus by the comarchs or other village officials nominating two persons for each vacancy；cf．Martin，Épistratèges，III sqq．，Wilcken， Grundz．347－8．Here，however，the use of the term àvтшvouá⿱日大aı（1．17）and the absence of a title after the name of the nominator indicate that he was himself a $\pi \rho \alpha \alpha_{\kappa} \boldsymbol{\tau} \omega \rho$ ，＇so that the procedure was somewhat similar to that exemplified in 1642 （A．D．289），where an agoranomus by the command of the praefect nomi－ nates his successor，and P．Flor．2．vii（W．Chrest．40I ；A．D．265），where comarchs nominate their successors and the strategus appoints．The writer denied the justice of the selection，and was prepared to abandon his property to his nominator．The papyrus breaks off at the point where he was proceeding to make a declaration about his $\pi$ ópos（ 1.26 ，note），probably in order to show that it was below the required amount．So far as can be judged，both the renunciation mentioned in the rescript and that referred to in the application con－ cerned the whole property，not merely two－thirds，as supposed by Mitteis．It is noteworthy that in P．Ryl．75，which is also concerned with éк $\sigma \tau$ á $\sigma \epsilon \iota s$ of property， though not for the purpose of avoiding public burdens，the whole nópos seems to have been ceded，and we are less confident than Wilcken or Jouguet that
 is correct；but owing to the incompleteness of 1405 it seems impossible to extract from it a definite solution of the problem ；cf．11．6－7，n．

```
[. . . . . . . . . .]p[. . . .] \pi\alpha\rho\epsilon\chi自[ }\eta
[\sigma\alphas . . . . .] \epsilonưठ\eta\रóv є́\sigma\tau\iotav \mu\etaे \tau\hat{\omega}
[\tau\alpha\mu\epsiloní]}
```

$[\gamma \in \nu \dot{\prime} \sigma] \theta \alpha \iota \dot{\alpha} \lambda \lambda a ̀$ $\tau \widehat{\omega}$ єis $\tau \grave{\eta} \nu \lambda \epsilon \iota \tau 0 v \rho \gamma i \alpha \nu$


$\pi \lambda \eta \rho \omega \sigma \epsilon \epsilon \cdot$ тò $\gamma \alpha{ }_{\alpha} \rho \tau \alpha \mu \epsilon \hat{i} \nu \nu \dot{\eta} \mu \hat{\omega} \nu$












$\tau \iota \kappa \omega ̂ \nu \quad \lambda \eta \mu \mu \alpha ́ \tau \omega \nu \tau \hat{\eta} s$ aủ $\bar{\eta} s \sum_{\iota \iota \gamma \kappa \epsilon ́ \phi \alpha} \tau 0 \hat{v}$



25 aưT $\frac{\omega}{\alpha} \kappa \alpha\langle\tau \grave{\alpha}\rangle$ т $\grave{\nu} \nu \pi \rho о к \epsilon \epsilon \mu \epsilon ́ \nu \eta \nu$ Өєía $\nu$

12. $\epsilon \tau$ of $\pi \rho o \epsilon \tau \epsilon \theta \eta$ corr.
23. 1. 入ó $\gamma о \nu$.
'. . . you ceded (your property) . . ., it is clear that the cession was made not to our Treasury, but to the person who nominated you to the office, who having taken possession of your property will provide the rest of the $\ldots$ and fulfil the duties of the office; for our Treasury does not desire such cessions. Your citizenship, however, will in no way be injured thereby, nor will you be subjected to corporal punishment. Published at Alexandria in the 8th year, Pharmouthi.

To Aurelius Leonides, strategus of the Oxyrhynchite nome, from Aemilius Stephanus son of Hatres and Tasorapis, from the village of Sinkepha. To-day I learnt that I had been nominated as his successor by Aurelius Amoïs son of Patas and Demetrous, of the said village, for the office of collector of the village money-dues of the said Sinkepha for the present $3^{\text {rd }}$ year, as being a person of means and suitable. This is unreasonable and
contrary to the just apportionment of the liturgy, so that I resign my property to him in accordance with the Imperial decree cited above, and declare that I . . .


2. $\epsilon \mathfrak{\epsilon} \xi \bar{\omega} \nu$ would hardly fill the lacuna before $\epsilon \tilde{\delta} \delta \eta \lambda \Delta \nu$, and $\pi a \rho \epsilon \chi \omega \rho[\eta \sigma a s$ may be in a dependent clause governed by e.g. $\grave{\pi} \pi i^{i}$.
3. $[\tau а \mu \epsilon i] \omega \dot{\eta} \mu \omega \bar{\nu}$ : cf. 1.8 and int.
5. . [. . ] $\mu \dot{\epsilon} \varphi \varphi: \pi \rho \circ \beta a \lambda о \mu \dot{\varphi} \varphi \omega$, the word expected here (cf. C. P. R. 20. i. 6), is too long. $\delta[\epsilon \delta o] \mu \dot{\varepsilon} \nu \omega$ would not give the right sense, and the vestige of the first letter does not suit $\delta$.

 Mitteis supposes to have been given back to the owner (cf. int.), is inadmissible. to $\pi \rho[$ of $\hat{\eta} \kappa \circ \nu$ is possible, or $\tau \grave{\alpha} \pi \rho[$ oбq́коутa with $-\tau \tau \kappa \alpha$ in l. 7 , but then $\pi a \rho$ does not fill up the space before $\epsilon \xi \in \iota$, and no other compound of $\tilde{\epsilon} \xi \in \iota$ suits the vestiges. $\pi 0$, if correct, suggests

 трíтov $\mu$ épos (C. P. Herm. 92. 12, 93. 10), which has been sometimes connected with the $\nu \in \nu о \mu \tau \sigma \mu \epsilon ́ \nu \nu \nu \tau \rho i ́ \tau o \nu$ in C. P. R. 20 (cf. Jouguet, l.c.), does not yield a satisfactory sense; for, if the $\pi$ ö̀s paid $\frac{1}{3}$ of the expenses of liturgies, a regulation would not be expected allowing a person who, in return for his nominee's property, himself undertook a liturgy to obtain 'from the city's account' the balance of expenses incurred. The supplement [ $\lambda_{\epsilon}$ ] is moreover rather short for the lacuna before i (which is more probable than $\rho$ ), and as the sense expected is that the nominator would, on receipt of his nominee's property, have to provide the rest of the expenses himself, probably the word refers to the nature of the liturgy in question. $\gamma$ might be read for $\tau$ in $\tau \kappa \kappa \circ[v]$, for which $\dot{\eta} \kappa \alpha[i]$ is a possible, though less suitable, substitute. Jc would then be the termination of another verb in the future.


16. $\Sigma \iota \gamma к є ́ \phi a$ : a village in the $\not \approx \nu \omega$ тотархia: cf. 1285. 65.
20. $\kappa \omega \mu\left[\eta{ }^{\top} \tau \iota \kappa \hat{\omega} \nu\right.$ : there is an implied contrast with $\mu \eta \tau \rho о \pi о \lambda \iota \tau \iota \kappa \hat{\omega} \nu$; cf. 1283. $4 \pi \rho a \kappa \tau o ́ \rho \omega \nu$

 read; but $\pi$ ó $\rho o v$ is expected at this point, though what the next words are is obscure. The amount of the property-qualification in extant papyri concerning $\pi \rho a \dot{\kappa} \tau о \rho \in s$ á $\rho \gamma v \rho \iota \kappa \hat{\omega} \nu$ in villages ranges from 700 drachmae to 3 talents 3,200 dr. ; cf. P. Giessen $5^{8 .}$ int.

## 1406. Edict of Caracalla concerning Senators.

$$
10.2 \times 9.4 \mathrm{~cm} . \quad \text { A.D. } 2 \mathbf{1} 3^{-17} . \quad \text { Plate I. }
$$

This short edict of Caracalla has lost the ends of lines, but the sense is clear. Senators who assault or use unseemly language towards the president or other members of their body are to be deprived of their rank. Senates were first instituted in the nome-capitals by Septimius Severus about A.D. 202, as at Alexandria (cf. Wilcken, Grundz. 4I), and their meetings, for reports of which see 1413-15, are likely to have been rather turbulent, at any rate in the early days.

The date of the edict, which was published at some other town than Alexandria, perhaps Babylon (cf. l. io, n.), is defined, not, as usual, by the consuls or regnal year, but by reference to a local official, who was apparently described as $\begin{gathered}\text { épapXos }\end{gathered}$ ${ }_{a}{ }^{\circ} \chi \chi \omega \nu$ and was an inhabitant of Heliopolis; cf. 11. II-I2, n. The occurrence of Germanicus Maximus among the Emperor's titles indicates that the edict was not issued earlier than the autumn of A. D. 213 . This copy may perhaps be a few years later, but was probably written before the end of the reign. Three other edicts of Caracalla on papyrus are extant in P. Giessen 40, and a rescript by him in P. Flor. 382. i. 5-9. 1406 is perhaps incomplete at the top, and another edict may have preceded.





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    ó \(\mu \epsilon ̀ \nu\) ß̉ou入[ \(\epsilon] v \tau \eta े s ~ \tau \hat{\eta} s\) ßov \(\epsilon \epsilon i ́ a s ~ \dot{\alpha}[\pi \alpha \lambda \lambda \alpha ́-\)
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    Xovтos \(A \dot{v} \rho \eta \lambda(\) (íov ) 'A \(A \in \xi \dot{\alpha} \nu \delta \rho[\) [ov . . . . .
```


6. $\beta$ of $\beta$ ovieurns corr. 11. ӥпо $\Pi$, the $v$ corr. $\mathrm{I}_{3}$. This line was an afterthought, as is shown by the deletion of a paragraphus below 1. 12 .

[^0]1-4. For the restoration of Caracalla's titles cf. P. Flor. l.c. (Jan. 216), and e. g. 1278. $3^{1-3}$ (Dec. 6, 214).

 long, and the verb in 11. 8-9 is middle.
10. $\dot{\epsilon} \nu \mathrm{B}[a \beta u \lambda \hat{\omega} \nu \mathrm{t}$ : the supposed $\beta$ is very doubtful, for the traces suit $\times$ better; $\epsilon$ is the only other letter possible. Imperial edicts in papyri usually give the date of publication
at Alexandria, but P. Giessen 40 . ii. $12-13$ states the dates of promulgation first at Rome and then at Alexandria, and two of the rescripts in 1407 are dated respectively from Ne ]apolis (1. 8) and Rome (1. 16). The mention of Heliopolis in 1. I3 as the place of origin of the magistrate indicates an Egyptian place-name here, and supports $\mathrm{B}[a \beta \nu \lambda \hat{\omega} \nu$, which was in the Heliopolite nome according to Ptolemy. Of towns beginning with K Kávomos was the
 (Hdt. ii. 15) was in the Letopolite nome opposite Heliopolis, but does not seem a likely place for the publication of the edict, which may have been issued during Caracalla's visit to Egypt in 2 I5, like P. Giessen 40. ii. 16-29.

II-12. ínò $\sigma$ roạ $\delta \eta \mu \sigma \sigma i a:$ for the precise definition of the place of publication cf.




 35. I3 $\begin{aligned} & \\ & \pi \text { ó after } \pi \rho o \epsilon \tau \epsilon \in \eta \\ & \eta\end{aligned}$ means 'by', referring to the official making the publication; but though $\delta \eta \mu \sigma \sigma i[0] v$ might perhaps be read, we are unable to reconcile the preceding word with a proper name. Sovin, a name found in P. Grenf. ii. $7_{6.1_{3}}$, is unsatisfactory; more-
 in $\mu$ oォiov $\underset{\varepsilon}{\boldsymbol{e} v[. ~ . ~ . ~ . ~ . ~ d o e s ~ n o t ~ s u g g e s t ~ a n y ~ k n o w n ~ t i t l e . ~}$
 is common as a general term for municipal magistrates, e. g. gymnasiarchs, cosmetae, or prytaneis, and ápgas frequently occurs as a title 'ex-magistrate' (cf. Preisigke, Städt. Beamtenwesen, 8, 14, and Wilcken, Archiv, iv. I19); ä $\rho \boldsymbol{\chi} \omega \nu$ is found in Egypt in the phrase $\pi \rho v \tau a \nu \iota \kappa \grave{o}{ }^{\circ}$ "̈ $\rho \chi \omega \nu$ (592; cf. Wilcken, Grundz. 47 ; A.D. 122-3), in the acclamations


 той äpХоขтos (fifth century), referring to an unspecified magistrate, a third-century ostracon
 both referring to unspecified magistrates of Oxyrhynchus: it is also applied to the praefect in fourth-century papyri, P. Leipzig 33. ii. 16, 34. 19, 37.27. In C. I. G. 4822 (= Ditten-
 as equivalent to enßáp $\eta \eta s$, an official who dates from the Ptolemaic period and seems to have been the military governor of the town of Thebes. On this analogy " "p]xoytos might be interpreted as the military governor of the town in question (Babylon?; cf. 1. ro, n.), rather than as equivalent to e. g. $\pi \rho v \tau a \nu \iota<o ̀ s$ ä $\rho \chi \omega \nu$ or gymnasiarch, especially as a precise official title is expected in this context ; but the evidence of recent papyri considerably diminishes the force of Dittenberger's distinction between ä $\rho \chi \omega \nu$ and äpxovтєs in Egypt.

## 1407. Imperial Rescripts.

Fr. $1 \quad 16.1 \times 16.3 \mathrm{~cm}$. Late third century.
These two fragments of a series of Imperial rescripts (cf. 1020, P. Flor. 382 , Giessen 40) are too small to be intelligible, the lines being of great length. The larger contains the ends of lines of three such rescripts and a few letters from the beginnings of lines of apparently a fourth, but the document begin-
ning at l. 33 was different, being perhaps a letter of or to the senate of Oxyrhynchus. The margin at the bottom is preserved, but not at the top. On the verso in a different hand of about A. D. 300 are parts of 12 lines of an official letter of some kind with a margin at the top, a circumstance which suggests that the papyrus was cut down before the verso was used. The small fragment (2); from a rescript or edict of Aurelian, has on the verso parts of two lines of the letter, and the margin above the writing there corresponds to that on the verso of Fr. 1. The spacing of the lines in Fr. 2, recto, shows that they do not belong to Fr. 1. i. 1-3; but they may well belong to Fr. 1. ii. 22-4, where in 1.22 the enlarged and projecting initial letter suggests A[ひ̈токрátшр. Otherwise, if Fr. 2 is placed e.g. above Fr. I, it is necessary to disconnect the lines on the verso of Frs. I and 2 and to suppose a blank space between them, which is not very likely.

Of the three rescripts in Col. i the first (1l. I-8) is dated Phaophi 17 (Oct. 14) of the 7 th year, and evidently the consuls were Nummius Tuscus and Mummius . . . (1.7) and more than one Emperor was reigning (cf. 1. $6 \dot{\eta} \mu \epsilon i \varsigma)$ ); but all that survives of the Imperial titles is ]ros, probably $\Sigma \in \beta a \sigma]$ tós. Nummius Tuscus and Annius Anullinus, the consuls of 295 (the 11-12th year of Diocletian which $=$ the ro-r Ith of Maximian) are clearly unsuitable, and the consuls of $25^{8}$ under Valerian and Gallienus, M. Nummius Tuscus and Bassus, must be meant. The gentile name of that Bassus was not known. A Pomponius Bassus was consul for the second time in 271 with Aurelian, but he seems to be identical with the Bassus who was consul with Aemilianus in 259, not with the colleague of Tuscus, who belongs to the previous year, and, as now appears, was called Mummius [Bassus]. A chronological question of considerable interest is raised by a comparison of the consular dating with that by the regnal ycar ; for the 7 th (Egyptian) year of Valerian and Gallienus is generally considered to have been 259-60, whereas, if Oct. I4 of it fell within the consulship of Tuscus and Bassus, the 7 th year was 258 -9. In 1201. 20, however, Sept. 24 of the 6th year fell in the consulship of Tuscus and Bassus, and it is not necessary that the consulship in 1407.7 should synchronize with the regnal year in 1.8 ; for while the former presumably refers to the day on which the rescript was written, the latter, which is separated from the former by a mention of the place of writing, may well refer to the day on which the rescript was published at Alexandria (cf. c.g. 1405. 12-13) ; and, as P. Giessen 40. i. 12-15 shows, there could be an interval of seven months between the writing of an edict and its publication in Egypt. It is true that, if the 7 th year is 259-60, the interval between the writing and the publication of the rescript was, even if it was written quite at the end of $25^{8}$, as much as $9 \frac{1}{2}$ months, and may have been much
longer, and the earlier date for the 7 th year of Valerian and Gallienus would remove the difficulty caused by the datings in the 7 th year of Aurelian. But the astronomical evidence provided by two horoscopes of the present volume confirms the generally accepted date for the 7 th year of Valerian and Gallienus, 259-60; cf. 1476. int., where the chronology of this period is discussed.

The rescript seems to have been a more or less favourable answer to
 (1. 8), but whether this refers to Naples, Cavalla, or Neapolis near Alexandria is not clear. Valerian is generally thought to have spent a year or more in the East before his capture by Sapor, which occurred in his 7 th or 8th Egyptian year. The restoration of the Imperial titles in $11 . \mathrm{I}-2$ is obscure owing to the uncertainty regarding the length of the lines; cf. note ad loc.

The second rescript (ll. 9-16) was issued from Rome by an Emperor bearing the titles Pius Felix Augustus, who was therefore later than Caracalla, and probably not earlier than Gallienus; for the concluding rescript was issued by Aurelian, and a chronological order may have been observed here, though not found in P. Flor. 382. That it was a rescript rather than an edict is not definitely proved, but from its position between two rescripts is highly probable. Lines IO-II appear to be concerned with an official appointment, which, as is shown by the following lines, had some bearing on vav́к $\lambda \eta \rho o \iota$ and a $\pi \rho v \tau a v \epsilon i ́ a$. Perhaps the corn-supply was the main subject, but $\dot{\epsilon} \phi \epsilon \in \sigma \epsilon \iota s$, 'appeals' (cf. 1185. 6), are mentioned in 1. I5.

The third rescript (ll. 17-2I) was in the form of a short letter to the senate and people of a city, and in some way related to $\pi a \hat{\imath} \delta \ell \epsilon s$, perhaps children of gymnasiarchs or other municipal officials; cf. 1417. There is no clear connexion between the various documents in 1407 , but they may be all concerned with municipal affairs, especially if 11. 33 sqq. are a letter of the senate of Oxyrhynchus. The Imperial titles Pius Felix Augustus in 1. I7 come almost exactly under the same titles in 1.9 , which suggests that the name of the Emperor was the same; but 1 . I8 contains additional titles, showing that he was either tribune or imperator for the third time, consul, and pater patriae. These titles exclude Gallienus, but would suit Claudius II or Aurelian, who are on the whole most likely to be the author or authors of the second and third rescripts, since after a gap at the top of Col. ii, in which one or two rescripts may be lost, the author of the rescript (or edict) in $11.22-32$ was, if Fr. 2 is rightly placed, Aurelian, apparently without Vaballathus. Claudius was consul in 269 (according to some inscriptions for the second time), and his third tribunician year was apparently Dec. 10, 269 -Dec. 9, 270 (cf. 1476. int.), while Aurelian was consul in 271, his third tribunician year being apparently Dec. 10, 271-Dec. 9, 272; v́maros,
however, does not necessarily imply that the Emperor in question was actually consul rather than that he had been consul. Claudius, who had fewer titles of the Germanicus Maximus class than Aurelian, is on the whole the most suitable Emperor, and, as is shown in the note ad loc., 11. 17-18 can easily be restored on the hypothesis of a line of about 63 or 80 letters; but it is difficult to combine either of these alternatives with the restoration of 11. I-2. Since 1407 was written in the reign of Aurelian or a little later (certainly before 300), Tacitus, Probus, and Carinus are possible authors of the second and (except Tacitus) of the third rescript; but the introduction of one of them or an Emperor earlier than Gallienus would violate the chronological sequence of these rescripts, which has a prima facie probability in spite of P. Flor. $3^{82}$.

Fr. i. Col. i

$$
\begin{aligned}
& \Sigma \in \beta \alpha \sigma \text { ?\}] }{ }^{2} \mathrm{~s} \\
& \text { ]a[.] • [. . ]ca }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ]. } \alpha \sigma \tau \eta S
\end{aligned}
$$

5



[Báббఱ vimáтoıs

$E] \dot{v} \sigma \in \beta$ ク̀s $E u ̉ \tau v \chi$ ŋ̀s $\Sigma_{\epsilon} \in \beta \alpha \sigma \tau o ̀ s$
]s $\notin \nu \mu \epsilon \tau o v \sigma i ́ a$ к $\kappa \alpha \theta \epsilon \sigma \tau \omega ̀ s ~ \kappa \alpha i ̀$

] $\pi \rho \nu \tau \alpha \nu i ́ \alpha \nu ~ \check{\omega} \sigma \tau \epsilon \mu \eta \delta \grave{\epsilon} \nu$ '̇к $\tau \hat{\eta} S$
]. $\tau \bar{\omega} \nu \nu \alpha u \kappa \lambda \eta \dot{p} \rho \nu$ ờ $\sigma \grave{v} \nu \mu \epsilon \tau \alpha-$

I 5

] $\alpha \pi \grave{o}$ ' $P \omega \mu \mu \boldsymbol{\rho}$.

тò] трítov v́ँ $\pi \alpha \tau о s ~ \pi \alpha \tau \grave{\eta} \rho$ $\pi \alpha \tau \rho i ́ \delta o s$

20
 ].

Fr. x. Col. ii + Fr. 2.
 $\Sigma \in \beta \alpha \sigma \tau$ òs ?

| [ |  | 32 letters |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 3I letters |  | ] $\omega$ ¢ $\rho \gamma \leqslant!$ |
| 25 als | 26 ¢[ | 27 T[ | $28 \alpha \pi 0 \tau[$ | 29-32 lost |

33 ' $O \underline{\xi}[\nu \rho \nu \gamma \chi \iota \tau \omega$
${ }^{1-2}$. The $\tau$ of ]ros in $1 . \mathrm{r}$ is fairly certain, $\gamma$ and $\sigma$ being the only alternatives; $\left.\Sigma_{\epsilon} \beta a \sigma\right]$ rós or M'́ $\hat{\prime} \epsilon \sigma]$ ros therefore seems inevitable. In the 7 th year of Valerian and Gallienus, Saloninus was Caesar or Augustus (cf. 1273. 44 and 1563. 1), and on the analogy of 1l. 9, 17, 22 and 889, part of an edict of Diocletian and Maximian in A. D. 300,11 . $1-2$ or $1-3$ would be


 Пoviß
 cases, as it is in C. P. Herm. ing verso. iii. 8-16, a rescript of Gallienus alone. If ]ras
 to be restored $\mathrm{O} \dot{u}] a[\lambda] \epsilon[\rho \epsilon] a a[\nu$ ós referring to Gallienus; but this reading seems to be inadmissible, for ( I ) if a $\rho$ occurred in the lacuna before $\iota a$, the tail of it ought to have been visible, (2) 1.2 would be expected to be 1 or 2 letters shorter than 1. r, whereas with $\mathrm{O} \dot{u}] a[\lambda] \epsilon[\rho \epsilon] a c \mid$ at the end it would be 5 letters longer, (3) l. 3 would hardly provide any space for a name between the conclusion of Gallienus' titles and ]at $\pi$ pòs tó, to say nothing of the omission of Saloninus. If Jros belongs to $\Sigma \epsilon \beta a \sigma]$ rós in Valerian's titles, l. I would have 84 letters or,
 the end of 1.2 , and in order to explain ]a[.].[. .]a there as part of the name of the recipient of the rescript it would be necessary to suppose the omission of not only Saloninus but part of Gallienus' titles (e. g. Aüтокрátюр Kaî̃aן, if the plural was employed in l. r). These difficulties can be avoided by supposing the lines to have been much longer than 66 or 84 letters and referring ]ios to Gallienus. The restoration Aütokpátopes Kaíapes Пoúß. Aıк.

 Emperors, would give 124 letters for l. i, or, if Au̇roкр. Kaî. was repeated, 136 . With Ev̉r. Evit. $\Sigma \in \beta$. repeated after each Emperor and $\Sigma \in \beta a \sigma]$ tós referring to Gallienus 1. I would have
 of these restorations would provide room for both the insertion of Saloninus' name in 1.2 and a space before $] a[.] .[.]$.$a , but is open to the objections that in 1.17$ certainly, and in 1.9 probably, only one Emperor's name and titles occupy the whole of a line, and, secondly, that the additional titles added in l. 18 after $\Sigma \epsilon \beta a \sigma$ тós suit a line of about 62 or 80 letters, so that with a line of over 140 letters there must have been an unusual insertion there, 889.2 adds $\nu \iota \kappa \eta r^{\prime} \dot{\eta}$ to the titles of Diocletian, but places it between Eivuरís and $\Sigma \in \beta a \sigma \tau o ́ s$, a position which is incompatible with l. rı. Titles like $\Gamma \notin \rho \mu a \nu \iota o ̀ s ~ M \epsilon ́ \gamma ı \sigma \tau o s ~ c a n ~ f o l l o w ~ \Sigma \epsilon \beta a \sigma \tau o ́ s, ~ t h o u g h ~$ it is more usual for them to precede; but they cannot be used for expanding l. 18 without
 Emperors from Valerian to Probus, except Tacitus, was omitted in $11.17-18$, where the

Emperor's titles are fuller than in II. I and 9, is unlikely, and on the whole a line of about 80 letters, making Jros in I. i $£ \in \beta a \sigma]$ rós as in li. 9 and I $_{7}$, seems most probable; but we are unable to solve the difficulty of Il. 1-2 satisfactorily. To suppose that Valerian owing to his absence in the East was omitted is not in accordance with $\dot{\eta} \mu$ is in 1.6 or with extant laws of A. D. ${ }^{258-60}$ in the Cod. Justin., and the supposition that the rescript belongs to another reign altogether seems to be incompatible with ll. $7-8$. Above 1.1 is a blank space.
 e.g. 889. if. These were no doubt followed by the day on the Roman calendar, which is not likely to have corresponded to Phaophi 17 ; cf. int. The vestige of the first letter of Nov $\mu \boldsymbol{\mu} \varphi$ is insufficient to decide between $\nu$ and $\mu$, but though sometimes called Memmius Tuscus (or Memmius Fuscus, as in Vopisc. Vit. Aurelian. 13), his correct name, M. Num. Tusco, occurs in C. I. L. vi. 2388. Nummius Tuscus, consul in 295 and apparently praefectus urbi in 302-3, may have been his son; cf. Prosop. Imp. Rom. ii. 42 I.
9. The Emperor is very likely the same as in 1.17 ; cf. int.
13. $\mu \epsilon \tau a-$ here and in l. 14 may well be part of $\mu \epsilon \tau a \gamma \omega \gamma \dot{\eta}$ or $\mu \epsilon \tau a \phi a \rho a ́$ (cf. B. G. U. 286. 8), referring to the transport of corn ; cf. int.
14. Perhaps $\delta i]_{k a \iota o \nu, ~ b u t ~ e . ~ g . ~}{ }^{\text {P }}$ c $\omega$ ] $\mu i \hat{o} \nu$ can be read.
 meaning of the numbers following imperator in late third-century inscriptions and coins is disputed. Dessau (Ephem. Epigr. vii. 429 sqq.) considers that from the time of Gallienus onwards they refer to regnal years, not to victories as in previous reigns, and probably, if Aüroкра́тш $\rho$ тò . . . occurred here, the figure coincided with that of the tribunician year. The usual order of these Imperial official titles was (1) pontifex maximus, (2) tribunicia potestas, (3) imperator, (4) consul; but there are numerous exceptions. The restoration àpxtepeìs
 in 1. 18, or without Aùroкрáт $\omega \rho$ rò $\tau \rho$., which is often omitted after 250, 62. With the lower

 Гєриàıкòs Méqıotos, the insertion of which in 1 . 17 would yield a line of about 80 letters. A line much in excess of 80 letters would create a great difficulty with regard to the restoration of 1.18 ; cf. n. on ll. 1-2.
 10) would give a line of $7^{2}$ letters; cf. notes on $11.1-2,17-18$, and 33 . But there is no particular reason for supposing a mention of Oxyrhynchus at this point.
24. Kaî] $a \rho \rho, \gamma \dot{\rho} \rho$, and áp $\rho v[\rho$ are inadmissible.
 cf. l. 19, n. and int.
1408. Report of a Trial: Circular and Edict of a Praefect.

$$
34 \cdot 1 \times 25 \mathrm{~cm} . \quad \text { About A. D. } 210-14
$$

The recto of this papyrus contains a taxing-list concerning State lands in the Arsinoitte nome (1446). On the verso in a large, almost uncial hand is a nearly complete broad column, containing (I) the conclusion of a report of a trial concerning a surety before Sopater, an official whose rank is not stated, (2) a circular of the praefect Juncinus to the strategi of the Heptanomia and

Arsinoite nome concerning the suppression of robbers, enclosing (3) an edict on the same subject for publication ; cf. 1100 and B. G. U. 646. This edict was continued in the next column, which is lost, and at least one column (cf. 1. I, n.) of the report of the trial is missing. Juncinus is known from P. Giessen 40 . ii. 14 to have been in office on Mecheir 4 of the 21st year of Caracalla (Jan. 29, 213) after Subatianus Aquila, who apparently was still praefect on Epeiph 29 of the 18th year (July 23, 210 ; cf. P. Flor. 6), and before Septimius Heraclitus, who had entered office by Phamenoth 20 of the 23 rd year (March 16, 215 ; cf. B. G. U. 362. vii. 8). The circular of Juncinus is dated in 1.21 Phaophi 28 (Oct. 25), and the missing number of the regnal year therefore ranged from 19 to 23 .

As in B.G. U. 15 , which bears a formal resemblance to 1408 , the trial (11. 2-10) seems to have no connexion with the following edict, and may have taken place some years earlier. The contending parties were Tryphon, whom the
 position, and on the other hand Asclepiades and apparently his father, who had become mutual sureties for Tryphon in connexion with the payment of a fine ( $\left.\pi \rho o \sigma^{\sigma} \tau \mu \nu \nu\right)$. The exaction of this was imminent, and Asclepiades wished to go away for a time, probably to present an appeal to the praefect (1.7, n.) ; but to this proceeding Tryphon objected, and the ultimate decision was that Asclepiades should return within fifteen days and pay to Tryphon the full amount of the surety in question. Where the trial took place and whether Sopater was a local official (e.g. strategus of the Arsinoite nome) or an Alexandrian magistrate (e.g. archidicastes) are not clear. He may be identical with Julius Sopater, $\dot{\epsilon} \pi \iota \sigma \tau \rho a \tau \eta \gamma \eta \dot{\sigma} \alpha$ in 226 (1459. 7). The beginnings of lines are lost throughout, and in most cases a few letters at the ends are wanting. The enlarged $v$ of $\kappa a \tau \epsilon \lambda \theta \epsilon i v$ in 1.8 (cf. the $v$ of xaip $\rho \in v$ in 1. II) determines the ending point, and the certain restorations at the beginnings of 11.4 and 8 fix the size of the initial lacuna in 11. 2-10. In the circular this seems to have been about three letters smaller after 1. 11, an initial lacuna of the same size as that in 11.2 -10 being evidently unsuitable to e. g. $\left.11.1^{-1} 5 \pi \alpha^{\prime}[v \mid \tau]\right]$. In the edict the probable restorations at the beginnings of 11.22 and 26 suggest that the lines uniformly began about three letters to the right of $11.12-20$; but, since the lacunae at the beginnings of $11.23-6$ are larger than in $11.11-20$ and the restorations more doubtful, 11. 23-6 may have been uniform with 11. 12-20, 1. 22, which is introductory, being in that case slightly indented.

The circular of Juncinus (ll. $11-21$ ) concerning the publication of his edict is couched in a severe tone, the word kivóvvos occurring thrice. Evidently Egypt was in a disturbed condition at this period owing to organized bands of robbers, as in the time of Marcus Aurelius, when the praefect M. Sempronius Liberalis
dealt with the subject in an edict extant in B. G. U. 372 (=W. Chrest. 19). Juncinus' edict opened with general reflexions upon the shelter afforded to criminals (11. 22-6).
] $\beta$.
 $\epsilon i ̂ \pi \epsilon \nu \cdot$ ध́ $\pi \grave{\imath}$ тоư- [
 $\tau \grave{\eta} \nu \quad \dot{\alpha} \gamma \omega \gamma \dot{\eta} \nu$. [
 $\dot{\eta} \pi \rho[0 \sigma-$
 $\pi \alpha \tau \rho$ òs тò $\pi \iota \sigma[\tau o ́ \nu$
 $\epsilon i \pi \epsilon \nu \cdot o[i$
 $\Sigma \omega \pi \alpha \tau \rho \circ[s$

 б $\dot{\alpha} \xi \operatorname{co\lambda }[o \gamma \omega$ -
І 1 [ $\left.\tau \alpha \tau 0 s T_{\rho}\right] u ́ \phi \omega \nu$ тò $\alpha \sigma \phi \alpha \lambda \epsilon ́ s$.
[Baíßıos] 'Iovyкìvos $\sigma \tau \rho \alpha \tau \eta \gamma o i ̂ s ~ ' E \pi \tau \alpha ̀ ~ \nu о \mu \hat{\omega} \nu ~ к \alpha i ̀ ~ ' A \rho \sigma \iota \nu o i ̈ т o v ~ \chi \alpha i ́ p \epsilon \iota \nu . ~[~$
 $\mu[\epsilon \in\rangle[\omega \bar{c}$
 $\epsilon i \dot{\alpha} \mu[\epsilon-$
 īv $\alpha \pi \alpha ́[\nu-$
 тò [
 vov [ $\delta \dot{\epsilon}$
 [ $\lambda о \mu \alpha \iota$
 $\pi \rho о \tau \in \Theta \hat{\eta} \nu[\alpha \iota$,




 $\pi \hat{\alpha}[\sigma \iota$
 $\tau[\mu \omega-$
 коเข $\omega![0 \hat{-}$ -

5. $\epsilon \gamma^{\prime} \gamma v \eta s$ П. 7. $\left.a \lambda \lambda\right] \eta \lambda \epsilon \gamma^{\prime} \gamma v o \iota$ П. First $\iota$ of $\epsilon \sigma \iota \nu$ corr. from $\sigma$. 9. $a \lambda \lambda \eta \lambda \epsilon \gamma^{\prime} \gamma v \eta$ П. 20. $\lambda$ of $\beta$ ov $\lambda$ o $\mu$ a corr. from $\mu$.
'... Asclepiades said, "Grant me . . days." Sopater said, "Fifteen will suffice for you." Tryphon said, "On this condition, however, that if payment is demanded from me before the end of the period, I shall have the right of arrest against him." Sopater said, "That is completely provided for you, even without a petition and a memorandum, by the declaration, the undertaking of the surety, and the trustworthy note of hand on behalf of the father." Asclepiades said, "So far as my share is concerned." Tryphon said, "The [two ?] are mutual sureties, for there is one appeal and one fine." Sopater said to Asclepiades, "Take care that you return within the fifteen days and pay in the whole amount of the fine, as your surety for it is mutual, in order that the most estimable Tryphon may have the security."

Baebius Juncinus to the strategi of the Heptanomia and Arsinoite nome, greeting. I have already in a previous letter ordered you to search out robbers with every care, warning you of the peril of neglect, and now I wish to confirm my decision by a decree, in order that all inhabitants of Egypt may know that I am not treating this duty as an affair of secondary importance, but offer rewards to those of you who co-operate, and on the other hand expose to peril those who choose to disobey. The said decree I desire to be made public in both the capitals and the most important places of the nomes, penalties including personal risk being laid upon you if in the future evil-doers are enabled to use violence without being detected. I hope for your health. The . . year, Phaophi 28.

Proclamation of Lucius Baebius Aurelius Juncinus, praefect of Egypt. That it is impossible to exterminate robbers apart from those who shelter them is evident to all, but when they are deprived of their helpers we shall quickly punish them (?). There are many methods of giving them shelter: some do so because they are partners in their misdeeds, others without sharing in these yet . . .'

1. ]3: a figure apparently referring to the number of the column.

 and a $\gamma^{\dot{\omega}} \boldsymbol{\gamma} \mu \boldsymbol{\mu} \boldsymbol{c}$ in 1471.22. Later the word is used as equivalent to the Latin actio (cf. Wenger, Stellvertretung 262), a sense which is possible here.

4-5. $\pi \rho[o \sigma \mid \phi \dot{\omega} \nu \eta \sigma t] s$ : the $\rho$ is nearly certain, and the final letter cannot be a $(\iota, \nu$, or o are the only alternatives to $s$ ). The word, which is used for formal declarations, often on oath, addressed to officials (ef. Griech. Texte 4 int .), combines suitably with éryúns àvaסox $\dot{\eta}$.
 the $\dot{a} \lambda \lambda \eta \lambda \dot{\epsilon} \gamma \gamma v o \iota$ in 1. 7 and $\dot{\imath} \mu \bar{\omega} \nu$ in 1. 9. To suppose that Asclepiades was the father of Tryphon, and that $\dot{a} \lambda \lambda \eta \lambda \epsilon \dot{\gamma} \gamma v o t$ and $\dot{v} \mu \hat{\omega} \nu$ refer only to these two persons, does not suit $\epsilon i \sigma^{\prime} \nu$ in 1. 7, for ${ }^{\epsilon} \sigma \mu^{\prime} \dot{\epsilon} \nu$ would in that case be expected. Tryphon cannot be the father of Asclepiades, since the remark of the judge is addressed to Tryphon. That the judge takes official cognizance of a $\chi \epsilon \rho \circ$ र́ypaфov and apparently describes it as mเซтóv is noteworthy, for it has been sometimes supposed that a private $\chi є \iota \rho$ ópaфov was inadmissible as evidence in a court of law unless it had been subjected to $\delta \eta \mu \sigma \sigma i \omega \sigma \iota s$ (so doubtfully Mitteis, Grundz. 83-4); but the present passage does not favour that view, which is also opposed by Jörs, Zeitschr. $f$. Savignyst. xxxiv. 143 sqq.; cf. 1472. int.
6. There is a slight blank space before $\epsilon \chi \epsilon \iota$, such as the writer frequently leaves between words, but sometimes between letters of the same word. $\tau \dot{\partial} \pi \iota \sigma[$ tóv is too far away from тоиิто in l. 4 to be the object of $\pi$ ар $\epsilon_{\ell} \chi \epsilon \iota$, unless тои́то $\langle v\rangle$ be read there.
7. The word before à $\lambda \lambda] \eta \lambda$ é $\gamma \gamma v o \iota$ was probably a figure, $\delta \dot{v}$ o if Asclepiades and his father were meant (cf. l. 5, n.), or e. g. rpis if there were other persons involved in the suit.
 restored by Wilcken, Grundz. $353^{1}$, in each case referring to an appeal to the praefect, which may well be the cause of Asclepiades' approaching departure (11. I and 8). If катє $\lambda \in \epsilon \nu$ in 1.8 implies that his return journey was down stream, the trial before Sopater must have taken place north of the town to which he was going, so that the latter cannot have been Alexandria. Possibly the trial was held at Alexandria and the praefect happened to be away. If it was held in the Arsinoïte nome (cf. int.) or at Oxyrhynchus, kare $\lambda \in \epsilon \bar{\nu}$ can hardly be brought into connexion with a journey for the purpose of appealing to the praefect.


if. [Baißıos]'Iovरкivos: so in P. Giessen 40. ii. I4 ; in 1.22 below his full name was written [Aov́кıos Ba]ipr[os] Aúpídıos 'I., the restoration of the missing praenomen there being based on his probable identity with the official of that name whose cursus honorum (before his praefecture) is given in C.I. L. x. 7580 , and who was probably a descendant of the juridicus of the same name under Hadrian (Prosop. Imp. Rom. i. 224). With [Baißıos] or [Aov́кıos] in the lacuna it is necessary to suppose that l. I i was uniform with ll. 2-10 and projected about 3 letters beyond ll. 12-20 (cf. int.). A shorter name, e. g. rátos, does not suit 1.22 so well, for the $s$ of Batici[os] stood above a] of $\kappa a] \theta a \mu[\rho] \epsilon i v$ in l. 23 and $\mu$ of $\dot{a} \delta \iota \kappa \eta]$ $\mu \dot{\tau} \tau \omega \nu$ in l. 26, where the restoration of the initial lacuna is fairly certain and requires I2 letters, mostly rather broad, in the space which would occupy only if in l. 22, if [rátos $\mathrm{Ba}] i \beta[$ [os] be read there.

I 3 -14. ${ }^{\mu} \mu\left[\epsilon \lambda_{\epsilon}\right] \hat{i} \tau \epsilon$ : the supposed $\boldsymbol{i}$ is very insecure and $] \epsilon \tau \epsilon$ could well be read; but neither $\dot{a} \mu[\epsilon \lambda \dot{\eta} \mid \sigma] \epsilon \tau \epsilon$ nor $\dot{a} \mu[\epsilon \mid \lambda \dot{\eta} \sigma] \epsilon \tau \epsilon$ suits the size of the lacuna in l. I 4 , unless $\lambda \eta$ was written unusually small at the end of the line.


 5, n.
22. [Aov́кıos Ba]iß[ [ns]: cf. 1. II, n.

## 1409. Circulars of a Strategus and Dioecetes.

This fairly well preserved papyrus consists of a short letter from the strategus to the $\delta \epsilon \kappa \alpha \dot{\pi} \rho \omega \tau о \iota$ (cf. 1410. int.) of the Oxyrhynchite nome (ll. i-6 and 23), enclosing for their information a copy of a circular addressed to the strategi and $\delta \in \kappa \dot{\alpha} \pi \rho \omega \tau o \iota$ of the Heptanomia and Arsinoite nome by the dioecetes, Ulpius Aurelius, concerning the repairing of the dykes and canals in view of the approaching inundation (11. 7-22). For this purpose a general corvé was apparently imposed on all cultivators (11. $9-10$, note), and in addition to the control to be exercised by the strategi and $\delta \epsilon \kappa \alpha \dot{\alpha} \pi \rho \omega \tau о \iota$ special supervisors were to be appointed in accordance with custom (11. $12-15$ ). The exaction of a money payment in place of personal service was forbidden in a strongly worded injunction (11. 19-22), which is probably the main point of the circular, but the relation of this injunction to the various imposts in connexion with the repairs of dykes and canals known from earlier papyri is not very clear ; cf. 1.20 , note. The evidence concerning forced labour on the embankments is summarized by Wilcken, Grundz. 334-8; the working of the principles laid down in 1409 is well illustrated by 1469, a petition written twenty years later by the comarchs of a village to the acting-praefect, which shows the difficulties arising from the multiplication of officials.

Except perhaps 58 and 474, where the rank of the high officials Servaeus Africanus and Plautius Italus is not stated, 1409 is the only extant circular of a Roman dioecetes. Its style and treatment of the subject recall the more lengthy exhortations of the Ptolemaic dioecetae to officials in P. Par. 63 and Tebt. 27. The direction of public works, as well as finance, fell within their province, as is shown by the Petrie papyri ; but by the middle of the third century the кäo入ıкós (cf. 1410) seems to have become the chief finance minister, and the continuance of the office of dioecetes is not attested beyond the time of Carinus. Ulpius Aurelius, who may have been the immediate predecessor of Aurelius Proteas (1115. II and 1412. int.; six years later), was thus one of the latest holders of the office. The names of these two, and of two dioecetae under Aurelian, Andromachus ( $\gamma \in \nu$ ó $\mu \in \nu$ os $\delta \iota o \kappa к \eta \tau \eta \dot{\prime}$ in Phamenoth of the 2nd year; 1264.9) and Julius Monimus (1633. I5 ; Mesore of the 6th year), besides perhaps Moenatides (P. Ryl. 84. I ; A.D. 146), and Septimius Apollonius коб $\mu \eta \tau \in \dot{\text { úfas }} \tau \grave{\eta} v$ ठıoík $\eta \sigma \iota \nu$ (P. Thead. 14. 18 ; late third century), are to be added to the list in Wilcken, Grundz. 156.
 $\chi^{\alpha i ́ \rho \epsilon i \nu .}$


 $\dot{\alpha} \pi \epsilon \rho[\gamma \alpha \sigma i ́ \alpha s$ каi $\tau \hat{\eta} s \tau \hat{\omega} \nu \quad \delta \iota \omega \rho u ́ \chi \omega] \geqslant \dot{\alpha} \nu \alpha-$


 $\dot{v} \mu \hat{\alpha} s$ єv̌ $\chi \circ \mu \alpha \iota, \phi i \lambda \tau] \alpha \tau o \iota$.



$\chi \omega \mu \alpha ́ \tau \omega \nu \quad \dot{\alpha} \pi \epsilon \rho \gamma \alpha \sigma i \alpha s$ каi $\tau \hat{\eta}[s] \tau \hat{\omega} \nu \quad \delta t \omega \rho v ́ X \omega \nu \quad \dot{\alpha} \nu \alpha \kappa \alpha \theta \dot{\alpha} \rho \sigma \epsilon \omega s$ '̇ $\nu \epsilon \sigma \tau \eta[\kappa o ́ \tau о s$ $\pi \alpha \rho \alpha \gamma \gamma \bar{\epsilon} \lambda \lambda \epsilon \iota \nu \quad \dot{v} \mu \hat{i} \nu \quad \dot{\alpha} \alpha \alpha \gamma-$
 $\gamma \epsilon[\omega \rho \gamma o u ̀ s \quad 18$ letters


 $\mu \epsilon ́ \nu \eta \nu \dot{\omega} \phi[\in \lambda i ́] \alpha \nu \pi \alpha ́ \nu \tau \alpha s \in[i \delta \in ́ v \alpha l \pi \epsilon ́-$


 $\epsilon i[s]$ тоиิто Xєıротоvєîन $\theta \alpha[\iota$ Єं $\pi \iota \mu \epsilon \lambda \eta$ -


 $\tau \iota \nu[\grave{o}] s \dot{\alpha} \pi \epsilon \chi \theta \epsilon i ́ \alpha s \quad \stackrel{\eta}{\gamma} \chi^{\alpha} \rho \iota \tau o[s, \quad \ddot{\omega} \sigma \tau \epsilon \quad$ Є่ $\pi \epsilon-$
$\nu \epsilon \chi \theta \bar{\eta} \nu \alpha \iota$ єis $\tau o ̀ ~ \tau \epsilon \tau \alpha \gamma \mu \epsilon ́ \nu o \nu$ ü $\psi o s ~ \tau \epsilon$ каi $\pi \lambda \alpha ́ \tau o s ~ \tau \grave{\alpha} \chi^{\omega} \mu \alpha \tau \alpha$ каi $\tau 0$ ùs

 $\tau \epsilon \delta \iota \omega \rho v \chi \alpha s \dot{\alpha} \nu \alpha[\kappa \alpha \theta \alpha \rho \hat{\eta}-$
 $i \nu[\alpha \in] \cup \mu \alpha \rho \omega \hat{s}[\tau \grave{\eta} \nu]$ '่ $\sigma o \mu^{\prime} \nu \nu[\eta \nu \tau \hat{\omega} \nu$











 20. $\pi \rho a \tau^{\prime} \tau \epsilon \sigma \theta a \iota$ П. 2 I. ї $\sigma \tau \omega$ П. $v$ of $\lambda \nu \mu a \iota \nu \mu \epsilon \nu o s$ corr. from $\epsilon \iota($ ? ). $23 . \pi \eta$ of vinрєтทs corr.
' Aurelius Harpocration, strategus of the Oxyrhynchite nome, to the decemprimi of the nome, greeting. A copy of the circular letter written to us, the strategi and decemprimi of the Heptanomia and Arsinoilte nome, by his highness the dioecetes, Ulpius Aurelius, concerning the building up of the dykes and the cleansing of the canals is sent to you, dear friends, in order that you may be informed and follow his instructions. The one of you who is the first to receive this missive should communicate it to the rest. I pray for your health, dear friends. The $3^{\text {rd }}$ year of our lord Marcus Aurelius Probus Augustus, Pharmouthi [.].

Ulpius Aurelius to the strategi and decemprimi of the Heptanomia and Arsinoïte nome, greeting. The season for the building up of the dykes and the cleansing of the canals having arrived, I thought it necessary to announce to you by this letter that all the cultivators and . . . ought now to build these up with all zeal on the . . . belonging to them, with a view to both the public gain of all and their own private advantage. For I am persuaded that every one is aware of the benefit resulting from these works. Therefore let it be the care of you, the strategi and decemprimi, both to urge all to devote themselves to this most necessary labour, and to see that the overseers usually elected for the purpose are chosen from magistrates or private persons, who will compel every one to perform his proper work by personal service, according to the rule given in the constitution of the appointment, with no malice or favour, so that the dykes are raised to the ordained height and breadth and the breaches are filled up, in order that they may be able to withstand the flood of the most sacred Nile auspiciously approaching, and that the canals are cleansed up to the so-called standards and the usual width, in order that they may easily contain the coming influx of water for the irrigation of the fields, this being for the common weal, and that absolutely no money is exacted from any one in place of work. If any one dare to attempt exactions or neglect these orders, let him know that not only his property but his life will be at stake for injuring measures designed for the safety of the whole of Egypt. I pray for your health. The 3rd year . . .

Presented by Aurelius Silvanus, assistant, in the 3 rd year, Pharmouthi 6.'
 є (ढ̈тоия)) is less likely ; cf. 1410. int.: but $\delta \epsilon к а \pi \rho$. simply may be read.
3. For the restorations cf. 11. 7-8.
6. The day was not later than the 6th, on which the letter was presented by the ím $\rho \in \dot{\tau} \eta$ s (1. 23). In 1119. 5 and 30 there is an interval of six days between the two corresponding dates.
8. For $\pi a \rho a \gamma \gamma^{\prime} \hat{\lambda} \lambda \epsilon \iota \nu$ cf. e. g. 1411. 8.

 but the traces of the supposed $\epsilon$ may belong to the $\gamma .1469$ and 1546 show that, at this period at any rate, a village as a whole was made responsible for providing the necessary labour (cf. Wilcken, Grundz. p. 335, whose argument concerning the mention of the village in e"pyartu-certificates of the second and early third centuries is unconvincing, as remarked in P. Ryl. $2 \mathbf{I I} .7, \mathrm{n}$.) ; and a quite general expression (e. g. $\gamma \in[\omega \rho \gamma o u ̀ s ~ k a i ~ k \lambda \eta \rho o u ́ \chi o u s ; ~ c f . ~$ P. Tebt. 288. 3) is wanted. The meaning of taî̃a is doubtful. If dependent on àтєprá$\zeta \in \sigma \theta a \iota$, it may refer either to 1.8 or to a word such as $\chi \dot{\omega} \mu a \tau a$ or vav́ßua (cf. 1546. 3) lost in the preceding lacuna, and in that case the word following au̇тois might be $\pi \epsilon[\rho \iota \chi \dot{\omega} \mu a \tau a]$, the areas surrounded by embankments (cf. e. g. P. Cairo Preisigke 39. ro), or some other word in agreement with $\delta \iota a \phi \epsilon^{\rho} \rho \nu \tau a$. But e.g. $\pi \epsilon\left[\nu \theta \theta_{\eta}^{\prime} \mu \epsilon \rho о \nu\right]$, referring to the five days work on the embankments, customary in the second or early third century, could be the object of
 and rav̂ra (referring to 1.8 ) would then be governed by a preceding participle. The $\pi$ is fairly certain, but possibly a $v$ intervened between it and the $s$ of aviroîs. $\dot{i \pi}[a \rho \chi o \nu \tau a]$; how-
 likely to have any connexion with the system indicated in 290 (A.D. 83-4), in which an
 apportioning work according to the size of a holding was not employed, so far as is known, in dealing with $\delta \eta \mu$ órta $\chi$ ஸ́ $\mu a \tau a$.
$\left.{ }^{1} 3^{-1} 4 . \dot{\epsilon} \pi \iota \mu \epsilon \lambda \eta\right]$ ]ás : $\chi \omega \mu a \tau \epsilon \pi \tau \mu \epsilon \lambda \eta \tau a i$ are often mentioned in second-century papyri and ostraca, e. g. P. Giessen $5^{8-9}$ and 64 ; cf. the editors' commentary. 'ттeik] ${ }^{2}$ ras (cf. 1257. I3

 $\mu \epsilon \nu 0 s)$ is slightly less probable, since the division $\pi \rho[\sigma \sigma \tau \epsilon \tau a \mid \gamma \mu \epsilon \nu \omega \nu$ is found in $11.20-1$ and $\dot{\epsilon} \pi]$ ] $\hat{i} \xi a \iota$ occurred in 1. 12.
 inò tề тò àmótaктov $\sigma v \sigma \tau \eta \sigma a \mu \epsilon ́ \nu \omega \nu$ in 1187. 12-15 (cf. n. ad loc.), and is to be connected

 where 1. סıakó[ $\pi$ ou.
 I7 tò víp $\rho \in \nu \mu a$ àvє $\psi \dot{\eta} \sigma \theta \eta$, P. Ryl. 90. 20 and P. Giessen 42. int.
18. The $\gamma \nu \dot{\omega} \mu \boldsymbol{\nu} \boldsymbol{\prime} \in s$ here seem to be poles for measuring the depth of canals, corresponding to $\imath \imath \not \psi o s$ in 1 . 16 as $\delta \iota a \sigma \tau \dot{\eta} \mu a \tau o s ~ d o e s ~ t o ~ \pi \lambda a ́ r o s . ~$
 (cf. סuáppota) is apparently unattested elsewhere.
 payments connected with dykes are known : (1) the vaíßıov (e. g. 1436. 6), (2) the x $\quad$ матıкóv
 explained in accordance with Wilcken, Ost. i. 263, as an impost in place of personal service, and the same explanation is applied by Kenyon to the $\chi \omega \mu a \tau \kappa \alpha^{\prime} \nu$, but is not accepted by Wilcken, Grundz. 331 ; cf. Ost. i. $34^{2}$. The $\pi \epsilon \nu \theta_{\eta}^{\prime} \mu$. ờ $\nu \omega \nu$ corresponds to the $\mu \epsilon \tau \rho \dot{\eta} \mu a \tau a$ í $\pi \grave{\epsilon} \rho$ $\tau \hat{\eta} s \pi \epsilon \nu \not{ }^{2} \mu \dot{\mu} \rho \circ=$ in B. G. U. $969.20-4$, and was clearly an adaeratio, but whether the payer in
 system of taxation in Egypt was altered between the reigns of Severus Alexander and Diocletian，who introduced extensive changes，is still obscure owing to the paucity of evidence，and perhaps by the time of Probus the government had become much stricter than formerly in enforcing compulsory labour，as is also suggested by the apparently compre－ hensive character of the corvé enjoined in ll． $9-10$ ．We are not inclined to think that the dioecetes was referring either to the vaúßıo impost，which used to be levied on land－owners at the rate of 100 copper drachmae per arura upon ка́токоь and ${ }_{1} 50 \mathrm{dr}$ ．upon évaф́́⿱㇒日勺七七 （P．Brit．Mus． 372 ap．P．Tebt．ii，pp．339－43，and P．Ghent verso．ii－iii $a p$ ．P．Ryl．ii，

 P．Ghent，l．c．，where the ápraßia calculation follows that of the vaúßıov），or to the $\chi \omega \mu$ aтıкóv， which was paid by dwellers in the metropoleis as well as by those in villages，and was levied
 have affected persons who did not own asses，and being rarely mentioned does not seem to have been a far－reaching impost．The bulk of the corvée must at all times have fallen upon cultivators of $\beta a \sigma \iota \lambda \iota \kappa \grave{\eta} \gamma \hat{\eta}$ or landless persons，and if the $\nu a v i \beta \iota o \nu$ and $\chi \omega \mu a \tau \iota \kappa o ́ \nu$ imposts sur－ vived unchanged to the reign of Probus，probably they were not affected by this circular， which seems to be directed mainly against irregular exactions of money in place of personal service．Payments by individuals of varying amounts for vaíßıa occur in the fourth century （P．Gen．65），and in P．Flor． 346 （fifth century ？）there is mention of $\tau \dot{a} \dot{\epsilon} \dot{\xi} \xi \vec{\epsilon}{ }^{\epsilon} \theta_{\text {ovs }} \delta \delta \delta o ́ \mu \epsilon \nu a \dot{v} \pi \dot{\epsilon} \rho$ $\delta \epsilon(\mathrm{l} . \tau \epsilon) \mu \tau \sigma \theta \hat{\omega} \nu$ каì $\mathfrak{a} v a \beta o \lambda \hat{\eta} s$ тov̀ $\delta \eta \mu \sigma \sigma i o v \chi^{\dot{\omega}} \mu a \tau o s$ ，so that money－payments in connexion with the repairs of embankments in any case continued to be exacted in Byzantine times．
${ }^{2} 3$ ．$i \pi \eta \rho \epsilon ́ \tau \eta s:$ cf．1．6，n．In 59． $22 i \pi(\eta \rho \epsilon ́ \tau \eta s) \beta o v \lambda(\hat{\eta} s)$ is more likely than $i \pi(o \mu \nu \eta \mu a \tau o-$ रоá申оs）ßou入（єuти́s）．

## 1410．Edict of a Catholicus．

$$
13.5 \times 7.8 \mathrm{~cm} . \quad \text { Early fourth century }
$$

An order，of which the conclusion is wanting，issued on the authority of the catholicus，Magnius（？）Rufus，making it illegal to reimpose the office of decem－ primus upon persons who had held that position since a particular year of two unnamed Emperors．From the handwriting the papyrus appears to belong to the early part of the fourth century，but there may well have been an interval between the date mentioned in 1.5 and the actual date of the papyrus，which was probably stated in the missing lower portion．Owing partly to the uncertainty with regard to the reading of the figure in the first of the two regnal years mentioned，partly to the difficulties of chronology in the period from 305 to 323 ，it is not quite clear which Emperors are meant，but probably in 1.5 the 8th year refers to Maximian and the Ist to Galerius（and Constantius），i．e．A．D．292－3，and the omission of Diocletian＇s regnal year（which was one in advance of Maximian＇s）is to be explained by the supposition that 1410 was written during $305^{-1} 3$ after his abdication，when Egypt was governed by Maximinus Daza who belonged to the Herculian faction ； cf．1．5，n．During Diocletian＇s and Maximian＇s joint reign there are instances of

Maximian's year being ignored, apparently for the sake of brevity (e.g. 895. 6), but none of Diocletian's years being so treated, though cf. 1416. 29, n.

The $\delta є \kappa a ́ \pi \rho \omega \tau 0 \iota$, who were introduced into Egypt by Septimius Severus together with the $\beta o v \lambda a i$, and were generally, perhaps always, senators, had arduous duties as collectors of revenue both in corn (e.g. 1444. 3) and money (e. g. 1442. 5) ; cf. Wilcken, Ost. i. 626 and Grundz. 217-18, Seeck, Klio, i. 147-88, Brandis in Pauly-Wissowa, Realencycl. s. v., Gelzer, Studien, 42-3, Jouguet, Vie munic. 366 sqq. It has generally been supposed that the tenure of the office was one year, but Seeck, mainly on the evidence of two Thyatira inscriptions (C. I. G. 3490 and B.C.H. xi. 473), considered that the period lasted $5^{-1} 5$ years, and identified the $\delta \epsilon \kappa a ́ \pi \rho$. with the quinquennales. 1410 does not state definitely the length of their tenure, but implies that re-election was customary ; and the apparent interval of twelve years or more between the date of the papyrus and the year when the $\delta \epsilon \kappa \alpha \pi \rho$. in question entered office rather suggests that the normal tenure was longer than a year. Since 1257, where a person is still called $\delta є \kappa \alpha ́ \pi \rho \omega \tau о s$ four years after entering office, supports Secck's view, and the objection to it urged by Wilcken, that the analogy of the tenure of municipal offices favours an annual period, breaks down in the light of new evidence that municipal offices were held for a longer period than a year (1413. I7 and 1418. I 5), a five-years' tenure for $\delta \epsilon \kappa \alpha ́ \pi \rho$. in Egypt is the most probable. Apart from 1410, they are not mentioned in papyri later than the reign of Diocletian, and Gelzer supposes that they disappeared when in $307-10$ the new division of the nomes into $\pi \hat{a} y o \iota$ was substituted for the toparchies with which the $\delta \epsilon \kappa \alpha ́ \pi \rho$. were connected. The present regulation therefore probably indicates an important, perhaps the principal, step on the way towards the abolition of the office.

```
    ' E\xi av`0\epsilon\nu\tau\epsilonías Ma~\gamma[\nuí]o[v
    'Poú\phiov \tauо\hat{v} \delta\iota\alpha\sigma\eta\mu(ота́тои) каӨо\lambda(\iotaко\hat{v})
    є\piар\chiєías A ìú\piтои
    каi \Lambda\iota\betaú\etas.
5 rov̀s àmò \tau[o\hat{v}] \eta ('ЄTOUS) каi a ('ЄTOUS)
    \deltaєка\pi\rho\tilde{\tau}<\boldsymbol{vs \mu\etaкє́т\iota}
    \mu\eta\delta\epsilonis \epsilonis \delta\epsilonк\alpha\pi\rho\omegaт\epsiloni-.
    \mu\nu ò\nuо\muа\zetaє́\tau\omega. \chi\rho\etaे \gamma}\\\mp@code{\rho
```



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10 \lambdao\iota\pi[0]रु i้ |\alpha \mu!̀̀ \pi\lambda\eta\rho\omega\sigma\sigma[\alpha\nu-
    \tau\epsilonS \alpha\hat{\vartheta}0\iotas \alphaं\nua\deltao\thetá\eta[\sigmao\nu-
    \tau\alpha\iota \tauoîS T\hat{\eta}S \delta\epsilonк\alpha[\pip\omega-
```

12. l. $\delta \epsilon \kappa \alpha[\pi \rho \omega]$ тeias: the scribe noticed his original error, but inadvertently crossed through the first a instead of the second.
' On the authority of Magnius Rufus, the most illustrious catholicus of the praefecture of Egypt and Libya.

Decemprimi from the 8th which $=$ the 1 st year must not be re-nominated by any one to the office of decemprimus; for it is necessary that in future they should be protected from being appointed again to the duties of that office, having once discharged them. Any person who has been reappointed decemprimus once more . . .'
 int., p. $9^{2}$.

1-2. May $\left.{ }^{2} i\right]$ ov 'Poú申ov: a procurator in Spain called P. Magnius Rufus Magonianus is known from C. I. L. ii. 2029, and a procurator of Neapolis by Alexandria in $247-8$ called Magnius Rufinianus, probably a relative, occurs in B. G. U. 8.ii. 26. Our catholicus may well have belonged to the same family. The scribe has apparently used the second half of the $\mu$ to represent $a$, as in l. 10 he used the $a$ of $\nu \omega a$ to represent half the following $\mu$. The remains of the letter before the lacuna suggest $\gamma$ rather than $\epsilon$ or $\iota$, and there is barely room for $\mathrm{Me}[\sigma \sigma i] 0[v$, much less Mc $[\tau \tau i] 0[\nu$.

2-4. The addition of Libya to Egypt in the title of the catholicus is new. He is generally called $\delta \delta \iota a \sigma \eta \mu$. ка $\theta_{0} \lambda$. (in C. I. G. 4807 of the year $341 \lambda$ д $\lambda \pi \rho o ́ z a \tau o s$ ) with or without Aiyúntov (e. g. 1509. 6) ; cf. C.I. L. iii. 17 v(ir) p(erfectissimus) rat(ionalis) Aeg(ypti). Libya seems to have been united to Egypt by about A.D. 300. The earliest mentions of

 C.I.L. iii. 18 v(ir) p(erfectissimus) mag(ister) privat(ae) $\operatorname{Aeg}(y p t i)$ et Lib(yae) (fourth century). On the subsequent varying relationship of the two provinces see J. Maspero, Organisation militaire de l'Ég. 23-5.
5. $\eta$ ( (̈тоиs) каі̀ a (є̈тоиs) : the traces of the first figure suit $\eta$ better than a or $\beta$, which are the only alternatives. A joint reign with a difference of 7 between the two figures indicates Maximian and Galerius, i.e. A.D. 292-3; cf. int. To refer the 8th year to Probus and the rst to his successors Carus, Carinus, and Numerian, i. e. A.d. 282-3, or the 8th year to Gallienus and the rst to the usurpers Macrianus and Quietus, i.e. a.d. $260-1$ (cf. 1411. int.), is unsatisfactory, since a ("'tovs) simply would be expected, and both the handwriting and the mention of Libya suggest a later date than the 2nd or 3rd year of Carinus or the 2nd of Macrianus and Quietus, which would be the latest years available for the date of the papyrus itself. With ıa ( "̌ous) каі̀ a (є̈тous) the figures would suit Constantine and Crispus, i.e. A.d. $3^{16-17}$ (cf. P. Thead. 6.5). The ignoring of Licinius, who was in possession of Egypt from 313-23 and is mentioned by himself without Constantine in P. Thead. 49 (his regnal years are uniformly two behind those of Constantine), could be explained by the supposition that 1410 was written after $3^{2} 3$, when his memory was obliterated. With $\beta$ ("̈́тovs) каì a (ধ̈́rovs) the Emperors would certainly be Diocletian and Maximian, and the papyrus could easily be assigned to a later year of their reign; but the
$\beta$ of $\Lambda$ i $\beta$ ins in 1.4 (the only other $\beta$ that occurs in 1410) is made quite differently. A curious date in 1318, the rith year of Galerius Augustus and [.]th of Maximinus Caesar, which seems to belong to the period $305-10$, the first figure being apparently erroneous, affords a parallel for the omission of the Jovian Augustus (Constantius or Severus) in Egypt under the rule of the Herculian faction, such as we have supposed to be the case here.

Io. $\mu \eta$ : the letters are imperfectly preserved, and the scribe seems to have omitted the the first half of the $\mu$ owing to confusion with the preceding $a$; cf. ll. $1-2, \mathrm{n}$. A negative is essential for the sense.
 P. Iand. 9. 34, סíítai in P. Brit. Mus. 1349. I7, $\mu \in \tau$ édes in P. Tebt. 416 . r6. For the pluperfect cf. the unnecessary perfect $\tau \epsilon \tau \eta \rho \tilde{\eta} \sigma \theta a$ in 1.9. The repetition of $[a] \dot{B} \theta$ ts (cf. 1. I I) after $\epsilon \kappa \delta \epsilon v \tau \epsilon \rho \circ v$ is superfluous, and the reading doubtful. $\epsilon$ can be substituted for $v$, and
 letter of $a v \in \delta \epsilon$ is slightly raised and the line unusually short ; for other abbreviations cf. 1. 2.

## 1411. Proclamation of a Strategus.

$$
21.6 \times 12.5 \mathrm{~cm} .
$$

A.D. 260.

This interesting document is a notice issued by the strategus Ptolemaeus also called Nemesianus, ordering bankers and all other persons engaged in commercial transactions to accept the new Imperial coinage. The papyrus belongs to about the middle of the third century, and a strategus of that name is known from 1555. I to have been in office at Oxyrhynchus under Macrianus and Quietus, who held Egypt during nearly all the 8 th and part of the 9th year of Gallienus (cf. 1476. int.). To their brief reign accordingly 1411 also is in all probability to be referred (cf. 11. 20-1, n.). The order was called forth by complaints of the $\delta \eta \mu$ ó $\sigma \ldots \iota(1.2$, note) that the proprietors of banks of exchange (кол $\lambda v \beta \iota \sigma \tau \iota \kappa a i ̀ \tau \rho \alpha ́ \pi \epsilon \zeta a \iota ;$ cf. 1. 4, note) were closing their doors in preference to accepting the coin; and the trouble was apparently not new, for the strategus alludes in 11. I8-20 to a praefectorial edict or edicts previously issucd on the same subject. There had been a steady deterioration in the coinage of Egypt, in the size of the coins as well as in the quality of the metal, and it is not surprising that attempts were made to discriminate, and some disinclination was shown to accept the $\theta \in i=0$ $\nu o ́ \mu \iota \sigma \mu a$ at its face value. It may be noticed in this connexion that in several contracts of about this period the money specified is old Ptolemaic silver ; as has been suggested by Wessely (Mitth. Pap. Rain., iv. 144 sqq.), the disrepute of the later Imperial issues may well have assisted the survival of the ancient coin. In the present case the dubious character of the claim of Macrianus and Quietus to the Imperial titles (they perished in the attempt to obtain Italy) may well have been an additional cause of the reluctance in Egypt to accept their coinage.

On the verso is a list of utensils (1654) in a different hand.



то⿱̀s $\tau \hat{\omega} \nu$ ко $\lambda \lambda \nu \beta \iota \sigma \tau \iota \kappa \hat{\omega} \nu \quad \tau \rho \alpha \pi \epsilon \oint \hat{\omega} \nu$


тò $\theta \epsilon i ̂ o \nu ~ \tau \hat{\omega} \nu \quad \Sigma_{\epsilon \beta} \beta \sigma \tau \hat{\omega} \nu$ vó $\mu \tau \sigma \mu \alpha$, ă[ $\nu \alpha ́ \gamma-$
$\kappa \eta \gamma \in \gamma \epsilon \in \nu \eta \tau \alpha \iota \pi \alpha \rho \alpha \gamma \gamma^{\epsilon} \lambda \mu \mu \tau \iota \pi[\alpha \rho \alpha \gamma-$

10 $\nu[o l] s$ тaútas ávoî̧al каì $\pi \hat{\alpha}[\eta] \downarrow$ 【 $\llbracket \pi] \nu o ́ \mu l-$
$\sigma[\mu] \alpha \quad \pi \rho o \sigma i \epsilon \sigma \theta \alpha \iota \quad \pi \lambda \grave{\eta} \nu \quad \mu \alpha ́ \lambda!\sigma[\tau \alpha$


$\kappa \alpha \theta^{\prime}$ övтוva ò̀ т $\quad$ ómov $\tau \grave{\alpha} \mathrm{s} \sigma v \nu \alpha[\lambda \lambda \alpha-$
${ }_{5} 5$ रàs поьov $\mu$ évols, $\gamma \in เ \nu \omega ́ \sigma к о v \sigma![\nu$
$\dot{\omega} \varsigma, \epsilon i \mu \grave{\eta} \pi \epsilon \iota \theta \alpha \rho \chi \eta ́ \sigma \iota \alpha \nu \tau \hat{\eta} \delta \epsilon \tau[\hat{\eta} \pi \alpha \rho$ -
$\alpha \gamma \gamma \epsilon \lambda i \alpha, \pi \epsilon \iota \rho \alpha \theta \dot{\eta} \sigma o \nu \tau \alpha \iota$ ف̂ $\nu$ тò $[\mu \epsilon ́-$
$\gamma \in \theta$ os $\tau \hat{\eta} S \quad \grave{\eta} \gamma \in \mu \rho \nu i ́ a s$ каì ${ }^{\epsilon} \tau \iota \quad \ddot{\alpha} \nu \omega[\theta \epsilon \nu$




1-2. os of avp $\lambda^{\prime} \iota o s, \pi \tau o \lambda \epsilon \mu a c o s, \nu \epsilon \mu \epsilon \sigma a \nu o s$, and $\sigma \tau \rho a \tau \eta \gamma o s$ above $\omega$, which is crossed through, and o above $\tau \omega$, which is crossed through. 5. 1. à $\pi о к \lambda \epsilon i \sigma a \nu \tau a s . ~ 6 . ~ S e c o n d ~$ $\sigma$ of $\pi \rho \circ \sigma \sigma \iota \epsilon \theta a \iota$ above the line. $\quad 9 . \epsilon$ of $\pi a \sigma \epsilon \iota$ above the line. $\quad$ 10. $a$ of $\pi a[\eta] \nu$ corr. from $\lambda$. After $[\pi]$ beginning of another $\lambda(?)$ 16. $\chi$ of $\pi \in \theta a \rho \chi \eta \sigma \tau a \nu$ corr. from $\kappa$. I7. ai of $\pi \epsilon \iota \rho a \theta \eta \sigma o \nu \tau a \iota$ above $\epsilon$, which is crossed through. $\quad 20$. First $\epsilon$ of $\epsilon \sigma \eta \mu \epsilon \epsilon \omega \sigma a \mu \eta \nu$ corr. 21 . First $o$ of $o \gamma \delta o \eta$ above $\omega$, which is crossed through.
' From Aurelius Ptolemaeus also called Nemesianus, strategus of the Oxyrhynchite nome. Since the officials have assembled and accused the bankers of the banks of exchange of having closed them on account of their unwillingness to accept the divine coin of the Emperors, it has become necessary that an injunction should be issued to all the owners of the banks to open them, and to accept and exchange all coin except the absolutely spurious and counterfeit, and not to them only, but to all who engage in business transactions of any kind whatever, knowing that if they disobey this injunction they will experience the penalties already ordained for them in the past by his highness the praefect. Signed by me. The ist year, Hathur 28.'
2. $\tau \hat{\omega} \nu \delta \eta \mu \sigma \sigma i \omega \nu$ : it has been disputed whether the $\delta \eta \mu o ́ \sigma t o t$, who often appear in papyri of the third-fourth centuries, are simply 'officials' in general (Wilcken, Archiv, iv. 223,

Preisigke，Fachwörter，49），or фúגakes and other minor police－officials（Hohlwein，Musée Belge，ix．187－94，accepted by Wilcken，Archiv，v． 44 ；cf．Gelzer，Studien，58），or the $\pi \rho \epsilon \sigma \beta \dot{\tau} \tau \epsilon \rho \circ$ as well as the à $\rho \chi$ є́ $\varnothing$ обо and lower police－officials，but not the comogrammateis or tax－collectors（Jouguet，Vie munic．217）．In P．Brit．Mus．1247． 23 （iii，p．226）oi
 means limited to police duties，besides other persons whose rank was not stated in 1247 ．In
 ${ }_{1} 73^{17}$ ）is probably wrong in explaining $\delta \eta \mu o \sigma i o v s$ as a general term for the corn－revenue
 more the present passage，which refers to officials of the metropolis rather than of the

 P．Hamburg 1．2，C．P．R．r．13，P．Strassb．34．7，P．S．I．204．2I．The point of the adjective is not clear．Preisigke，Girow． 27 sqq ．，considers that кодл．$\tau \rho$ ．were not different from $\tau \rho$ ． simply，whether privately owned or leased from the State，and in support of this it may be
 there may be intentionally framed so as to include banks other than ко $\lambda \lambda \imath \beta$ ．，if such existed apart from $\delta \eta \mu o ́ \sigma c a \iota ~ \tau \rho$ ．with which 1411 is not concerned．Other terms applied to banks
 P．Ryl．I76．2，n．）．The former refers，according to Preisigke，to the notarial capacity of banks，which，as appears from P．Strassb．34，was shared by the колд．$\tau \rho$ ．；the latter must refer to the supervision exercised by $\dot{\epsilon \pi i t \eta \rho \eta \tau a i}$ over banks which were leased from the government ；cf．513． $37,1132.8-12, \mathrm{nn}$ ．The relation of the $\bar{\epsilon} \pi \iota \tau \eta \rho \circ v_{\mu} \mu \nu a \iota$ to the $i \delta \iota \omega \tau \iota к a i$ and $\delta \eta \mu o \sigma \iota \iota a \tau \rho$ ．is disputed．If Preisigke＇s view of the leased banks is correct，and
 not $i \delta i \omega \tau \iota \kappa \dot{\eta}$ ，the $\epsilon \pi \iota \tau \eta \rho o v ́ \mu \epsilon \nu a \iota \tau \rho$ ．do not form any more suitable contrast to the $\kappa о \lambda \lambda$ ．$\tau \rho$ ．than do the रøпцатьбтькаi，as he explains that term．The evidence，however，for Preisigke＇s theory of＇Staatsbanken＇，which was mainly based on Oxyrhynchus papyri，is weakened by 1639， which mentions＇Hраклєiôov iò七штєкウ $\tau \rho$ ．at the Serapeum of Oxyrhynchus in 22 в．c．，and
 so，to what extent the banks not described as $i \delta \iota \omega \tau$ ．or $\epsilon \pi \iota \tau \eta \rho$ ．were leased or under private ownership；cf．Wilcken，Grundz． 160 and 1639．3－5，n．The phrase oi tius тратє́jas кєктך－ $\mu$ évo（1．9）is new，and comprehensive rather than precise，so that it might apply to any banks which were not $\delta \eta \mu$ órout，whether leased or privately owned．On the whole we are disposed to think that кол入．т $\rho$ ．，probably like the Ptolemaic à $\mu \circ \iota \beta \iota \kappa a \imath \imath \tau \rho$ ．，were contrasted with banks which did not undertake money－changing，perhaps the xp $\quad$ aatıбтıкai，and that，
 former class．
 Valerian and Gallienus，and the date 25 ．But since Ptolemaeus also called Nemesianus is known from 1555 to have been strategus under Macrianus and Quietus（A．D．260－1）， $\pi \rho \dot{\omega} \mid$｜ov is much more likely than $\tilde{\epsilon}_{\kappa} \mid$ Tov．$\tau \in \tau$ úp $\mid$ rov or $\tau \rho i$ itov would imply an unusually long period of office for this strategus，three years being apparently the normal duration of their tenure（cf．Dittenberger，Inscr．Gr．Or．699．35）．That the accession of Macrianus and Quietus took place before Hathur was already known from P．Strassb．6．30；cf． 1476. 2 and P．Flor．273．verso，where Thoth I（Aug．29）of their ist year occurs as an isolated date，perhaps written later．On the question whether the year was 260 see 1476．int．

## II. THE SENATE OF OXYRHYNCHUS

1412. Notice of a Special Meeting of the Senate.

$22.5 \times 2 \mathrm{I} .6 \mathrm{~cm}$.

About A.D. 284.
That the meetings of the senate were convened by the prytanis was a natural supposition made by Jouguet (Vie munic. 379), and direct evidence on the question is now provided by this notice of a special general meeting summoned by the prytanis, who bears a long and interesting list of municipal titles (ll. $1-3, \mathrm{n}$.), in consequence of letters received from the dioecetes (cf. 1409. int.) and another high official. Urgent business was to be transacted by the appointment of $\lambda_{\text {elfovpyoi in }}$ in connexion with the transport of corn required by troops, stationed probably at Babylon (cf. e. g. 1261. 7), the requisite boats having been already provided by the government (ll. 8-10, n.). The precise character of the liturgies is not stated; but from other papyri of the third-fourth century they are known to have included the supervision of the transport by water, as well as the care of
 cf. l. I4, n. It is noticeable that no hour is fixed for the meeting, which was to be held apparently on the same day (cf. 11. 14-16, n.), and the place of assembly is
 and place were subject to fixed rules and Oxyrhynchus had a regular $\beta$ ovicut $\eta$ ptov, though it is still unattested ; the evidence for $\beta$ 伩єvт $\eta \rho \circ a$ at other metropoleis is singularly slight ; cf. Jouguet, op. cit. 374. With a view of securing a full voluntary attendance at the meeting the prytanis, if 1. I6 is rightly restored, had posted up publicly the letters which he had received, and the concluding exhortation concerning the necessity for dispatch (11. 16-20) also bears witness to the difficulty of making senators perform their onerous duties in connexion with liturgies. The somewhat dilatory character of their deliberations is well illustrated by 1413 and 1415 ; cf. 1413. int.

The date of the papyrus, which is written in a rather large late third-century cursive hand, is not preserved, but the dioecetes Aurelius Proteas (1.9) is known from 1115. II-12, where 1 . $\Pi \rho_{\mathrm{L}}\left(\omega \mid \tau \epsilon \in a\right.$ for ' ${ }^{\prime} \rho_{\rho}[\iota \mid \tau \tau \in a$, to have held office in the second year of Carinus (A.D. 283-4). The other high official ó крátıoтоs 'А $\mu \mu \omega \dot{\nu} \iota$ о
 1257. 14, and the unnamed emperor whose years are mentioned in 1257 was clearly Probus, as already suggested in 1257. int. Aurelius Ammonius ó к ка́тьбтos in 1191. I, I5 (6th year of Probus) was perhaps the same person, though the
context there suggests that he was an epistrategus. The $\mathfrak{\epsilon} \pi \epsilon i \kappa \tau \eta s \quad \delta \eta \mu о \sigma i o v ~ \sigma i ́ \tau o v$, who is not mentioned elsewhere, was apparently created in the third century
 int.) was appointed in addition to the dioecetes. The крátьбтos $A \dot{v} \rho$. 'A $\mu \mu \omega \nu i ́ \omega v$ in 1544. 3 (probably early in the reign of Diocletian) may also have been an $\dot{\epsilon} \pi \epsilon$ íkr $\eta s$, and was possibly identical with Aur. Ammonius. The prytanis Aurelius Eudaemon also called Helladius (l. I) was no doubt the same person as the Bı $\beta \lambda \iota \circ$ и́лa $\xi$ of that name in Mitteis, Chrest. 196. 4 (A.D. 307), where he is only called $\gamma v \mu(\nu a \sigma \iota a \rho \chi \eta ́ \sigma a s) \beta o v \lambda(\epsilon v \tau \eta ́ s)$; cf. 1452. 2, 11.
 $\nu t \alpha ́ \rho \chi \eta s$ коб $\mu \eta \tau \eta े s$ ' $\xi \eta \eta \eta \tau \eta ̀ s$ v́ $\pi о \mu \nu \eta \mu \alpha \tau о \gamma \rho \alpha ́ \phi o s$






' $A \mu \mu[\omega] \nu i ́ o v, \kappa \alpha i ̀ \tau \hat{\omega} \nu \pi \lambda o i ́ \omega \nu \quad \eta ้ \delta \eta \tau \hat{\omega} \nu \quad \dot{v} \pi[0] \delta \epsilon \chi о \mu \epsilon ́ \nu \omega \nu$










$\left[\left({ }^{\prime} \text { 'тous }\right) \beta \text { ? }\right]^{\prime}[\quad \iota$.

'From Aurelius Eudaemon also called Helladius, formerly eutheniarch, cosmetes, exegetes, hypomnematographus, senator of the most illustrious city of Alexandria, exgymnasiarch, senator, prytanis in office of the illustrious and most illustrious city of Oxyrhynchus.

The question of the transport of provisions for the most noble soldiers does not admit even a brief delay, and for this reason, and since letters from his excellency the dioecetes Aurelius Proteas, as well as from his excellency Ammonius, are urging us on this matter, and the boats to receive the supplies are already at anchor, it became necessary to summon a special general meeting of the senate at a suitable place, in order that a discussion may be held on this single subject, and the obligations performed as quickly as possible. Accordingly in order that every one, being informed of this, may willingly act as senator (?) to-day, which is the 15 th, the letters are publicly exhibited. I thought it right that you should know by this proclamation that I have instructed you, being now in possession of the facts, to assemble swiftly in view of the orders, since no other subject remains for the present meeting, and to vote upon the elections of those who are to serve.

The and (?) year, (month) I5.'
1-3. Cf. the identical titles of an Alexandrian magistrate in a Pachnemounis inscr. (Hogarth, J. H.S. 1904, p. 10) ; in B. G. U. 1074. 10 (from Oxyrhynchus) the same four

 reconcile those two instances with the rules laid down by Preisigke, Beamtenwesen, 31 sqq. for the order of municipal titles in papyri and inscriptions, naturally became involved in great difficulties, and eventually concluded that exegetae, cosmetae, and eutheniarchs were all on much the same level, so that, if the chronological order in which these offices were held was followed, there was a good deal of variation. With regard to the $i \pi \neq \mu \nu \eta \mu a \tau o \gamma \rho a ́ \phi o s$ he did not accept Preisigke's proposal to relegate him to the lowest grade, but thought that he was inferior to the gymnasiarch. Our view of Preisigke's rules is somewhat different. The order in point of rank which he proposed was (1) gymnasiarch, (2) exegetes, (3) cosmetes, (4) chief-priest, (5) agoranomus, (6) eutheniarch, (7) hypomnematographus, and he considered that papyri differ from inscriptions in usually having an ascending instead of a descending order where several offices are mentioned together. The attempt to differentiate the practice of papyri from that of inscriptions, which results in interpreting the Pachnemounis list as a descending one (so Jouguet, op. cit. 298), although another Pachnemounis inscription (Hogarth, l.c. p. 5) has a list which is clearly ascending, seems to us fallacious. If inscriptions provide somewhat more exceptions than papyri to the general rule that titles are mentioned together in an ascending scale, that is more likely to be due to local variations of style than to the nature of the writing-material, and especially in the light of 1412 we prefer to interpret both the Pachnemounis inscriptions in accordance with the usual practice in papyri. This results in our regarding the hypomnematographus as superior to the gymnasiarch, which removes the difficulty (cf. Jouguet, op. cit. 171-3) created by the great importance of the hypomnematographus at Alexandria (cf. p. 30), as contrasted with his supposed low rank in the nome-capitals, and is quite in accordance with the evidence of second-century papyri concerning the cursus honorum at Alexandria; cf. P. Tebt. 286. $\mathbf{1 4 - r}^{-15}$, where Julius Theon is stated to have been archidicastes before becoming hypomnematographus, Flor. 68. $5 \gamma \in \nu o ́ \mu . ~ \gamma \nu \mu \nu . к а i) ~ i \pi o \mu \nu$., and B. G. U. $83{ }_{2}$. I 5 and 888. 5, where ( $\gamma \epsilon \nu \delta \dot{\mu}$.) $\dot{v} \pi о \mu \nu$. follows (i. e. ranks higher than) $\tau \hat{\omega} \nu \gamma \in \gamma \nu \mu \nu a \sigma \iota a \rho \chi \eta \kappa o ́ \tau \omega \nu$ and $\gamma \in \nu \nu \mu$. ápхıoıкабтís respectively. The last three instances, which on Preisigke's view of the rank of the $i \pi \sigma \mu \nu$. were exceptions to his rule about the ascending order of municipal titles in papyri, thus on our view serve to illustrate it. With regard to the hypomnematographus
 $i \pi \sigma \mu \nu \eta \mu u \tau \circ \gamma \rho a(\phi o v)$ are in the usual ascending order, and 1434. Io and 1461.2-3, in both of which cases he ranks higher than the dipxifpeús, and the two instances which have been thought to indicate his low rank in the hierarchy do not justify that inference. In B. G. U. I 2 I.

## 1412. NOTICE OF A SPECIAL MEETING OF THE SENATE 29

 бavtos), the restoration is open to the objection that the $i \pi o \mu \nu$, is absent from the list of municipal officials in P. Amh. 124, which is approximately contemporary with B. G. U. I2 I, and the creation of local $\dot{i} \pi о \mu \nu$. was, as Jouguet points out, most likely connected with the establishment of senates in 202, so that we prefer to restore $[\epsilon \dot{\nu} \theta \eta \nu ⿺ a \rho \chi(\dot{\eta} \sigma a \nu \tau o s)]$. In 55. i-2




 ßovגєutov̀ èváp. $\pi \rho v \tau$. must be the same person (cf. 1463. $27, \mathrm{n}$.). Hence $\gamma \in \nu$. $\dot{\pi} \pi о \mu \nu$. in 55 refers to Alexandria, not to Oxyrhynchus, and stands in no close relation to रvниабıaрх $\dot{\eta} \sigma a \nu \tau \iota$. Corroborative evidence for the high rank of the hypomnematographus is afforded by 59. 6, 1191. II, and 1257. 4, where a strategus is called $\gamma \epsilon \nu \dot{\rho} \mu . \quad i \pi о \mu \nu ., 59.7$, where a former $i \pi o \mu \nu$. acts as deputy for the strategus, a function performed elsewhere by ex-gymnasiarchs or ex-exegetae (cf. Preisigke, op. cit. 66-7), P. Thead. 18. 1, where a $\dot{i \pi} \boldsymbol{\mu} \nu$. is apparently a deputy-strategus, and $\mathbf{1 6 4 5} .2-3$, where two $\dot{i} \pi \sigma \nu \nu$. are responsible for the appointment of a guardian, a task usually undertaken by exegetae or officials of the central government (cf. P. Tebt. 397 and 1466. int.).

The normal order of the hierarchy of municipal officials in the nome-capitals was in our opinion as follows: (1) hypomnematographus, (2) gymnasiarch, (3) exegetes, (4) cosmetes, (5) chief-priest, (6) eutheniarch, (7) agoranomus. Concerning the eutheniarch (cf. 1454. int.) it is still doubtful whether by himself he should be ranked above or below the cosmetes or chief-priest ; his office was often combined with the tenure of another, e. g. that of gymnasiarch in 1417-18, that of exegetes apparently in P. Tebt. 397. 15, that of chiefpriest in P. Amh. 124. 22. There is also some fluctuation in the relative position of the cosmetes and chief-priest, the former taking precedence in P. Amh. 124 (Hermopolis) and Flor. 21. I (Arsinoë), the latter in 1025. 4-5; in C. P. R. 20. i. 2 (Hermopolis) the titles
 Inscr. 66 of De Ricci, Archiv, ii. 444. In P. Ryl. 149. I-4 (A.D. 39-40) an unusual combination of the offices of chief-priest, exegetes, and strategus occurs. In P. Brit. Mus.
 who is rarely mentioned, should be placed is not clear. In Dittenberger, Inscr. Gr. Or. 713 , his office is combined with that of gymnasiarch, and seems to rank below it ; P. Ryl. 117. 18 and 1416. 5 are indecisive.

At Alexandria the conditions were somewhat different. Plaumann (Archir, vi. $92^{3}$ ), after examining the evidence, could come to no definite conclusion; but some of the difficulties which troubled him disappear with the modification of Preisigke's arrangement caused by placing the hypomnematographus at the top, and in P. Tebt. $317.2 \gamma[\epsilon] \nu o \mu \epsilon ́ \nu \varphi$ probably refers only to $\kappa \circ \sigma \mu \eta \tau \hat{\eta}$, and $\hat{i} \epsilon \rho \in \hat{i} \dot{\xi} \xi \eta \gamma \eta \tau \hat{\eta}$ are the offices actually held, so that this instance indicates the customary relation of cosmetes and exegetes, concerning which Plaumann expressed doubts. On the whole, in spite of the inconsistency of the evidence regarding the eutheniarch already noted, the rank of the seven officials mentioned above seems to apply to Alexandria as well as to the nome-capitals, except perhaps in the case of the chief-priest. The hypomnematographus (1102. 4), archidicastes (e.g. 1471. 2), and exegetes ( P. Tebt. 3 17.2) are called ifpeis, as sometimes the exegetae in the nomes (Jouguet, op. cit. $338^{1}$ ). Concerning the relationship of the archidicastes to the hypomnematographus the evidence is conflicting, since in B. G. U. 832. I5 an archidicastes (cf. Koschaker,
 and B. G. U. 888. 5 (cf. p. 28) these offices were held in the reverse order. Since the post
of hypomnematographus at Alexandria was one of great importance and that official, who dated from Ptolemaic times, was chief of the praefect's chancery (that more than one $i \pi \% \mu \nu$. existed at Alexandria, as has been sometimes supposed, seems to us unlikely), we prefer to place him above the archidicastes, whose deputy is now known from 1472. 12 to have been in one case an exegetes-elect, not a hypomnematographus. The $\sigma \tau \rho a r \eta \gamma$ òs $\tau \bar{\eta} s$ $\pi \sigma^{\prime} \lambda \epsilon \omega s$ was inferior to the archidicastes (cf. Koschaker, l.c.), and if he was identical with the
 of the nomes (Wilcken, op.cit. 414) do not seem to have ranked as high as ordinary $\sigma \tau \rho a r \eta \gamma o i$, and from 1560. Io- I I the office of $\sigma \tau \rho a \tau$. $\tau \bar{\eta} s \pi o ́ \lambda$. appears to have been lower than that of $\dot{\epsilon} \pi \dot{\imath}$ $\tau \hat{\eta} s \in \dot{\varepsilon} \dot{\theta} \eta$ ]pias (i. e. eutheniarch), unless the two were held simultaneously. We are accordingly more disposed than Jouguet (op.cit. 193-4) to regard the rank of the $\sigma \tau \rho a r$. of Alexandria as quite different from that of the strategi in the nomes, who ranked above gymnasiarchs. 1560
 ápxioıкабтйs. To judge by 1242. $3^{-1}$ I, where the $\pi \rho \epsilon \in \sigma \beta \in$ s are chiefly gymnasiarchs, the special office of $\pi \rho \epsilon \sigma \beta \epsilon v \tau \eta \dot{\prime}$ is likely to have ranked very high, so that the order of the Alexandrian

 (9) à रopavópos, (10) бтратпүós (?).

8-10. Cf. int. The $\pi \lambda o a ́ a$ in question were no doubt $\delta \eta \mu o ́ \sigma a a ;$ cf. P. Cairo Preisigke 34
 Private boats were also frequently employed ; cf. $\pi \lambda$ oiov ioiou in 1554. 6, P. Flor. 75. 8, Brit. Mus. 948. 1-2 (iii, p. 220), and Goodsp. 14. 3, and $\pi \lambda$ oíov 'Hpaíбкov vautккov̀ in 1544. 7-8.

1 I. $\grave{\epsilon} \pi \iota \mu \epsilon \lambda \bar{\eta} \tau о ́ \pi о \nu: c f$. int.
12. $\pi \rho \circ \dot{\sigma} \sigma \kappa \lambda \eta \tau o s ~ \beta o v \lambda \lambda$, an expression adopted from Attic, is illustrated by the proceedings recorded in 1414, which apparently also refers to a special meeting (1.29). How often the ordinary meetings of Egyptian senates were held is not known; very short notice was given in the present instance ; cf. 1l. 14-16, n. The word used in 1412 for ' meeting' is
 cf. 1414. 2 I, n.
14. $\lambda$ еוтоируŋ́дата: the duties of senators in connexion with the collection of corn and the transport from the granaries to the boats are illustrated by P. Brit. Mus. 948 (iii, p. 220 ), Flor. 75, W. Chrest. 434, and Stud. Pal. i. 34, all acknowledgements by кvßєрvŋ̄тaь to senators concerning the receipt of corn for dispatch by river. That the vavк $\lambda$ pia too tended to become a liturgy was conjectured by Rostowzew, Archiv, iii. 223 (cf. P. Giessen in. in, n.), and the evidence desiderated by Wilcken, Grundz. 379, was provided by 1261, a declaration concerning the transport of produce for troops at Babylon, made by a senator acting as an
 in 1259, and of a $\kappa \nu \beta \epsilon \rho \nu \eta \eta_{\eta} \eta$ s in 1260 ; cf. P. Cairo Preisigke 34. 3-4 A $\rho \rho \dot{\eta} \lambda \iota o s$ 'A $\mu \mu \omega \nu a ̂ s . .$.
 may well be the word lost before vaij $\kappa \lambda \eta \rho o s$.

14-16. The reconstruction of this sentence is not quite certain. After $\lambda_{\text {ectovp }}$ nimara a blank space was, we think, left, as after $\pi \rho o \sigma_{k \epsilon \tau \tau[a] c ~ i n ~ l . ~ I 6 . ~ T h e ~ s u p p o s e d ~}^{s}$ of $\pi$ ]avtes is not very satisfactory, but the next word seems to be éкóveєs, not a participle. ßoviєvtai suits the vestiges very well, and there is no room for a verb except at the beginning of 1. r 5 . The emphatic date refers to what precedes rather than to what follows; in view of the pressing nature of the business, and the prevailing custom of giving invitations at very short notice (aṽpıo is usual, e. g. in 1487; ońmepod occurs in 1485-6), the fact that the meeting was summoned for the very day on which this notice was issued (whether sent to individual senators or publicly exposed) is not very surprising. Another doubtful point is the
restoration of the beginning of 1.16 , where we suppose that $[\tau \dot{\alpha} \gamma \rho a ́] \mu \mu[a] \tau a$ refers back to $\gamma \rho a \mu \mu i ́ \tau \omega \nu$ in l. 8. The final $a$ is probable in any case, but the traces of the preceding letters are very slight. ] $\tau a \dot{\imath} \bar{v}] \tau a$ and $\pi \rho o^{\prime} \gamma \rho a[\mu] \mu a$ are unsatisfactory.
 e. g. $[v o v \theta \in \tau \in i] \nu$.
20. Cf. the debate on liturgies in 1415. 4-3 I, and 1413. int.

2I. $[\tilde{\epsilon}$ rovs $\beta$ ] : cf. int. It is not certain that the stroke belongs to a numeral, and some part of the name of the month would be expected to be visible. Perhaps no year was given and the stroke refers to the day of the month, or the date was written after a considerable gap and the stroke is accidental. The margin at the bottom is not preserved.

## 1413. Report of Proceedings of the Senate.

$$
22.3 \times 24.8 \mathrm{~cm} . \quad \text { A. D. } 270-5
$$

The procedure of the local senates in Egypt is very imperfectly known; for though several fragments of reports of their debates are extant in 1103 (and perhaps 1305 ; cf. 41, a report of a meeting of the $\delta \hat{\eta} \mu o s$ at Oxyrhynchus), B. G. U. 925 (Heracleopolis), C. P. Herm. 7. i (Hermopolis), and De Ricci, C. R. Acad. Inscr. 1895. 160, Wilcken, Archiv, iv. II5 sqq. (both Antinoöpolis), owing to the great length of lines which is customary in this class of documents the restoration of lacunae is difficult; cf. Jouguet, Vie munic. 374 sqq., where an attempt is made to reconstruct the Hermopolite text. 1413-15, which are reports, divided into sections, of discussions in the senate of Oxyrhynchus, with 1416, a list of resolutions, though also imperfect, are much more extensive, and serve to give a vcry fair general idea of the proceedings.

The subjects of discussion illustrated by these four papyri concern either administration or finance. Under the former head come the appointment of exegetae and $̇ \pi \iota \iota \eta \rho \eta \tau \alpha i ́ ~(1413.4-18$, and perhaps I-3), of a $\delta \eta \mu o ́ \sigma \iota o s \tau \rho a \pi \epsilon \zeta i ́ \tau \eta s$ (1415. I3-3I), of a new prytanis (1414. 24-7), of an à $\gamma \omega \nu^{\prime} 0 \theta \in ́ \tau \eta s$ (1416. 5), of a temporary cosmetes (?) (1416. I8), the apportionment of the duties of gymnasiarchs on particular days (1413. 19-24, 1416. 6-9; cf. 1417-18), nominations for special liturgies such as the transport of military and other supplies (1414. 17-23, 1415. $4^{-I 2}$ ), arrangements for the local festival (1416. 2 and $I I-I 7$ ), or other duties (1416. 19-26). Financial questions were debated in 1413. 25-33, concerning the completion of a gold crown in honour of Aurelian (cf. 1416. 29, where some honour to be bestowed on an Emperor and praefect is mentioned), 1413. 34-7, concerning a payment for some public object for which the cosmetae seem to have been responsible, 1414. I-3, apparently concerning clothes payable to the State, 1414. 4-II, concerning the supply and price of yarn for linen required by a temple, and 1414. $12-16$, dealing with an application from the city linenweavers for an increase of their remuneration ; cf. also 1416. $3^{-4}$, referring to
a loan from the municipal funds. An application from the local priests is alluded to in 1416. Io (cf. 1414.4, n.), but the nature of the question discussed is uncertain, as in 1414. 28-30, 1415. I-3 and 32-42, 1416. I and 27-8.

The debate on each topic was generally opened by the reading of a communication from the strategus or some other external official (e. g. 1414. 17, 19), or by an explanatory speech from the prytanis (for an exception cf. 1413. 19, n.), who was no doubt responsible for the drawing up of 1416 and often took a leading part in the discussion (1413. 1, n.). The senators' remarks, as reported, are frequently collective, as in B. G. U. 925 , frequently also acclamations like those in 41 ; but sometimes one section speaks, e. g. the exegetae in 1413.5, the members of the third tribe in 1413. 12-13 (cf. 1415. 19), and in 1413 and 1415, though not in 1414, the names of individual senators are mentioned, besides the ovivorkos. That official of the senate is prominent in 1413-14, especially in connexion with bringing matters to a decision or collecting information to be used at a later sitting, and he seems to have been a kind of legal adviser, as well as an advocate of the senate in courts of law; cf. 1413. 17, 11. There are frequent references to communications to or from officials of the central govern-
 the epistrategus in 1413. 30, 1415. 8-9, the strategus in 1414.4, 17 , 19, 1415. 4, I3, and magistrates whose titles are uncertain in 1415. 13, 17, 1416. 19; but the officials of the central government do not take part in the debates, and Wilcken is no doubt right in now (Chrest. 39. int.) referring the $\sigma v v^{\ell} \delta \dot{\rho} \rho o v$ in C. P. Herm. 52. ii. 9 to a trial, not, as formerly, to a meeting of the senate (cf. 1412. 12, n.). A tendency to postpone business until the next meeting is distinctly marked; cf. 1413. $\mathrm{II}-\mathrm{I} 2,1414.16,18,1416$. 10 , and 1412. int. Altogether $1413-16$ provide much new information, the details of which are discussed in the commentary.

1413, written in a small cursive hand, consists of the ends of lines of a very
 тоîs $\dot{v} \pi о \mu \nu \eta \mu(a \tau \iota \sigma \theta \in i \sigma \tau) \dot{\epsilon} \pi i \tau \hat{\eta} s$ к $\rho a \tau$. $\beta$ ov̀.) of five debates in the reign of Aurelian (11. 4, 25-6) on a day early in Thoth (see below). 1414, which is approximately contemporary with 1413 since it mentions the same $\sigma$ vivoıoos, has on the verso a document written in the fifth year of an Emperor (1496. 25), and whether the reigning monarch there was Aurelian or Probus (cf.1497. 2-3) is uncertain. 1413-14 therefore may belong to the latter part of Aurelian's reign; but the mention of the $\chi \rho v \sigma o \hat{v}_{s}$ бтé'bavos кai vík $\eta$ in 1413. 25 suggests a year soon after Aurelian had got rid of either Vaballathus, who was associated with him in his first and second years, or Firmus, who revolted in his third or fourth year. The second, third, and fourth sections are fairly intelligible, though from 11. 14 and 17 it appears that more than 80 letters are lost at the beginnings of lines normally ( 10 more in 11. 16-17).

The first three lines give the conclusion of a discussion about the filling up of an official post, probably that of exegetes, which is also the subject of the following section. Lines $1-2$ seem to belong to a speech of the prytanis, acting as $\gamma \nu \omega \mu \eta \epsilon \iota \sigma \eta \eta \eta \eta^{\prime} \eta_{s}(1.1, \mathrm{n}$.), proposing to assign half the post to some one. This is followed by some remarks from an exegetes, of which the senate expressed its approval by a favourite exclamation at this period, $\omega_{\kappa \epsilon a \nu \epsilon ́ ~(1.3, ~ n .) . ~}^{\text {. }}$

In 11. 4-18 the topic is the appointment of municipal magistrates, whose numbers tended at this period to diminish owing to the lack of willing candidates (cf. 1252. verso and 1642), and in particular, though perhaps not exclusively (cf. 1. 5, n.), the nomination of exegetae and their $\grave{\epsilon} \pi \iota \tau \eta \rho \eta \tau a i$, thus providing an interesting parallel to P. Ryl. 77, which gives an account of the appointment of a cosmetes in the period before the creation of senates. On the general character of exegetae see Jouguet, op. cit. 315-18. Oxyrhynchus had at this period many gymnasiarchs (1413. 19-24, 1416. 6-9) and sometimes many eutheniarchs, who in 199 numbered 12 (908. int.), but how many exegetae there were in the кolvóv of that cóqua (891. 14) is unknown. The prytanis opened the debate with a reference to honouring the Emperor by the nomination of senators to magistracies, in order that their payments for the crowns of office ( $\sigma \tau \epsilon \pi \tau \iota \kappa \alpha$, 1.4, n.) should be available for the State, and, in answer perhaps to a question who should make the first nominations, appealed to the exegetae. These officials suggested that Serenus (?) should be made exegetes. After a remark by the prytanis, which is lost, perhaps a request for more nominations, Sabinus, an ex-prytanis, called attention to the fact that a certain Plution had not yet paid his $\sigma \tau \epsilon \pi \tau \iota \kappa 0, v$ for becoming exegetes; about this the prytanis apparently appealed to the $\gamma \rho a \mu \mu a \tau \epsilon \grave{s} \pi о \lambda \iota \tau \iota \hat{\omega} \nu(1.7$, n.) for confirmation, and received an affirmative answer. The subject of Plution's debt was continued by one of the exegetae, perhaps with a warning that the precedent was not to be followed in the case of Serenus, to which the senators replied that the latter was nominated on the security of his property (1.8,n.). The syndic then apparently closed the discussion about Serenus with a remark of which the point is obscure, but which perhaps implied that Serenus was ineligible owing to his being gymnasiarch. In any case the prytanis appealed to the exegetae for further nominations, and they put forward the name of Ion. A proposal was next made by a chief-priest that Ion should have an $\grave{e} \pi \iota \tau \eta \rho \eta \tau \eta \eta^{\prime}$ attached to him (1. 10, n.), the suggestion being accepted by the prytanis, who nominated Phileas and Plotinus for this post, their names meeting with the approval of the senate. The definitive appointment was, however, not made, the question being adjourned till the next meeting, and the prytanis appealed to the occupants of other magistracies to make nominations. The answer came from the members of the third tribe,
which was at the moment responsible for liturgies (1. 12, n.), but the name of the person put forward (as exegetes?) is lost. As in the former case, an $\dot{\epsilon} \pi \iota \tau \eta \eta \eta \tau \eta$ 's was nominated by the prytanis, and his name greeted with acclamations by the senate. After another proposal, which is lost, by the members of the third tribe, the syndic again intervened, explaining that he had seized the property of some individual (probably the person who had just been mentioned by the third tribe), and would report later on its value. A criticism of the two names presented by the third tribe was then made by a new speaker (possibly a hypomnematographus; 1.15, n.), who stated that the nominations had been made by only two persons, and this led to the selection by the senators collectively of several persons, chosen apparently from the whole body of the tribe or senate. The debate concluded with some remarks by the syndic concerning the first year of office ( 1.17 , n.), apparently making some concession to the newly nominated persons in order to induce them to serve.

In 11. 19-24 the topic was the days on which individual gymnasiarchs were responsible for the provision of oil for gymnasial purposes, which was one of their chief duties. The opening speaker seems to have been not, as usual, the prytanis, but a gymnasiarch called Ptolemaeus, who stated that he had recently provided oil on two days (probably Thoth 1 and 3) in place of two of his colleagues, and apparently asked to be relieved from duty on the days fixed for himself. The senators accepted his proposal with acclamations, and appointed other persons to serve on Thoth II and 12 , which must have been subsequent to the date of the meeting. An objection to the alteration of the dates was then raised by a gymnasiarch whose name is lost, but was apparently overruled by the senate, which proceeded to appoint persons for the 13 th and following days. Another objection was then raised (1.23) by a gymnasiarch called Serenus (perhaps identical with the preceding objector), that the change might affect him injuriously, and, if the first part of 1.24 belongs to the same speaker, he seems to have claimed to have acted, like Ptolemaeus, in place of some one else, his remarks being greeted with applause from the senate.

A fresh section begins in 1.25 , the prytanis reporting the receipt of a communication from the $\bar{\epsilon} \pi \epsilon i \kappa \tau \eta s$ रpvoov $\sigma \tau \epsilon \phi$ apov кai víkns of Aurelian (of which the
 concerning the completion of a golden crown due from the city (cf. 1441. int.). In order to expedite matters the prytanis proposed that 12 talents more should be paid to the artificers, and a discussion arose on the questions how and when the amount was to be collected. With regard to the first point it was decided to keep the same collectors as previously; with regard to the second the remarks of a certain Euporus, who apparently wished to expedite the completion of the
crown in view of the approaching visit of the epistrategus, met with the approval of the senate. The syndic concluded the discussion, promising to report any payments made to the artificers in advance. The last section (1l. 34-7) refers to some duty imposed upon the cosmetae, apparently involving a payment for a public work of some kind.

I

2

3



 $\dot{\epsilon} \xi \eta \gamma \eta \tau \epsilon i ́ a \nu . \quad$ ò $\pi \rho u ́ \tau \alpha \nu ו s \in i[\pi(\epsilon \nu)$.

 ó $\pi \rho v i \tau[\alpha \nu \iota s$
$7 \quad[\epsilon \hat{i} \pi(\epsilon \nu)$. ]...[..]. [ 7$] \rho \alpha \mu \mu \alpha \tau \epsilon \dot{\nu} s \pi 0 \lambda \epsilon \iota \tau \iota \kappa \hat{\omega} \nu \epsilon \hat{i} \pi(\epsilon \nu)$. vaí. 'Iou入lavòs
 [кóv, ] oưkouv [
oi ßov
 $\gamma \rho[a ́] \phi o s$ каi

 $\sigma v \sigma \tau \alpha \theta \hat{\eta}$. oi $\epsilon \in \xi \eta \eta \tau \alpha i$ єîm(ov) $\pi \rho o \tau \rho \alpha \pi \eta$ $\tau \omega$ " $I \omega \nu$ viòs



$1 \mathrm{I} \quad\left[\rho \eta \sigma \iota \nu \quad \Phi_{\imath} \lambda \epsilon \in \alpha \nu \kappa \alpha i\right]$ M
 $\Pi \lambda o[v] \tau \epsilon \hat{\imath} \nu \epsilon . \quad \tau 0 u ́ \tau \omega \nu$ [

 $\tau \bar{\eta} s$ т $\rho i \tau \eta s \quad \phi u \lambda \hat{\eta} s \in i \hbar \pi(o \nu)$.





 $\kappa \alpha i$ öт $\alpha \nu \quad \gamma \nu \omega \sigma \theta \hat{\eta}$ خे $\pi о \sigma o ́ т \eta s, \pi \alpha \rho \alpha \tau \epsilon[\theta] \eta$ $\sigma \in \tau \alpha \iota$ ن $\mu \hat{i}[\nu$.

 ${ }^{\circ} \lambda \eta s$ [


 $\mu \nu \eta \mu a \tau о \gamma \rho \alpha ́ \phi o s ~ к \alpha i$ @́s $\chi] \rho \eta \mu \alpha(\tau i ́\} \epsilon \iota)$ бúvסıкоs $\epsilon \hat{i} \pi(\epsilon \nu)$ * iva $\pi \rho o-$
入ıточруךбía[s
]



]s ò rô̂ Фı入oбóфov, $\gamma$ є́ $\pi \epsilon \sigma \tau a ́ \tau \epsilon \iota ~ \Theta \epsilon o ́ \delta \omega \rho o s ~ v i o ̀ s ~ П \tau о \lambda \epsilon \mu \alpha i ́ o u ~$




[rov. $\gamma \nu \mu \nu \alpha \sigma i ́ \alpha \rho \chi o s ~ \epsilon \hat{i} \pi(\epsilon \nu)$. ] $\grave{\eta} \underset{\epsilon}{\epsilon} \nu \alpha \lambda \lambda \alpha \gamma \grave{\eta} \tau^{\top} \hat{\omega} \nu \dot{\eta} \mu \epsilon \rho \hat{\omega} \nu$. oi
 $\mu \epsilon ́ \lambda \lambda o \nu \tau \epsilon S \quad \gamma \nu \mu[\nu \alpha \sigma \iota \alpha \rho \chi \epsilon \in \imath, \ldots$



 $\alpha \rho \chi \epsilon$ ?.
 $\dot{\eta} \mu \hat{\omega} \nu \quad A \dot{v} \rho \eta \lambda \iota \alpha \nu o \hat{v} \quad \Sigma_{\epsilon} \in \beta[\alpha \sigma \tau] o \hat{0}$ ' $I o[v \lambda \iota \quad 24$ letters
то̂̂ кvрíov $\dot{\eta} \mu \hat{\omega} \nu$ Aúp $\bar{\lambda} \iota \alpha] \nu 0 \hat{v} \sum_{\epsilon} \in \beta \alpha \sigma \tau о \hat{v}$ каi öть каi ò $\sigma \tau \epsilon ́ \phi \alpha \nu o s$

 тoîs $\tau \in \chi^{\nu \in i ́ \tau \alpha[l] s .}$ [ 23 letters



 $\epsilon i \pi(\epsilon \nu) \cdot$. .
 $\tau \iota \sigma \tau[o s]$ є̇ா८नт $\alpha \dot{\tau} \eta \gamma o s ~ \delta[~ 27$ letters

 23 letters
 $\Delta \alpha i ́ \mu \omega \nu \quad \gamma \epsilon \nu o ́ \mu[\epsilon \bar{\nu} о s$ úmou $\eta \mu \alpha \tau о \gamma \rho \alpha ́ \phi o s$
 $\dot{\alpha} \nu \alpha \lambda i \sigma \kappa \epsilon \tau \alpha \iota, \pi \alpha \rho \alpha \tau \epsilon \theta \dot{\eta} \sigma \epsilon \tau \alpha \iota \dot{v} \mu i \nu$.



35
 $\epsilon \nu[. \cdots] \delta[\quad 22$ letters
 ]rou[. . . . . .] . . o.[.]s aí


1. Фi入́éov. 20. च̈ıos $\Pi$.
'" and let a resolution be made for him on these terms, that he (is to serve) half (the office) . . . I introduce . ." Septimius Serenus also called Ischyrion, exegetes, said, ". . . on these terms." The senators said," Bravo, exegetes."
(The prytanis said,) ". . . the majesty of our lord Aurelianus Augustus. Accordingly nominate also senators, in order that their payments for crowns (may contribute) to the . .." (The senators said,) . . The prytanis said, "Do you exegetae press some one." The exegetae said, "Let Serenus (?) be pressed to take the office of exegetes." The prytanis said, . . . Sabinus and however he is styled, ex-prytanis, said, "Plution still owes the payment for a crown on account of the office of exegetes which he undertook among
the magistracies." The prytanis said, ..., secretary of the city revenues, said, "Yes." Julianus also called Dioscurides, exegetes, said, "Plution owes the payment for a crown ; therefore he is not . . ." The senators (?) said, "The person nominated was nominated on the security of his own property." Septimius Diogenes also called Agathodaemon, exhypomnematographus and however he is styled, syndic, said, ". . Serenus (?) is a gymnasiarch." The prytanis said, "Nominate others, that the number of exegetae may be completed." The exegetae said, "Let Ion son of ... . be pressed to take the office of exegetes held by his grandfather." Secundus son of Secundus, chief-priest, said, "Then let the person nominated be subject to overseers." The prytanis said, "I choose for the post of overseer . . . Phileas and Plutinus, that they may discharge this trust for the senate." The senators said, "Upright, faithful Phileas; upright, faithful Plutinus." This question... having been postponed until the next meeting of the senate, the prytanis said, "Let holders of the other offices also nominate; and nominate senators also." The members of the third tribe said, "(We nominate . . .)." The prytanis said, "Nilus, senator, shall be overseer." The senators said, "Upright, faithful Nilus; ever-honourable is Nilus ; success to him." The members of the third tribe said, . . . Septimius Diogenes also called Agathodaemon, ex-hypomnematographus and however he is styled, syndic, said, "I have impounded the property of. . . that is to say produce deposited at the farmstead of Monimou, and when the amount is known, it shall be laid before you." ... phus and however he is styled said, "Those who were just now nominated were nominated by Phileas and Heraclidion." The senators said, "From the whole (tribe ?) . . . Upright, faithful Horion, land-owner at Nesmimis; upright, faithful Leonides, land-owner at Dositheou; upright, faithful Besarion, land-owner at ..." Septimius Diogenes also called Agathodaemon, ex-hypomnematographus and however he is styled, syndic, said, "In order that the persons nominated may be pressed to serve and may take office, the first year's duty . .."
(Ptolemaeus, gymnasiarch, said), " . . promised to provide oil on Mesore 30. On Mesore 30 he failed to provide oil, but on the first day of the following month he provided it through me ...; on the 2 nd oil was provided by ... son of Philosophus; on the 3rd Theodorus son of Ptolemaeus presided and failed to provide oil, but I provided it by a loan. If therefore . . ." The senators said, "Bravo, Ptolemaeus; bravo, gymnasiarch. The rith is the day of Dionysius also called Artemidorus, the 12 th of Aristion also called Andronicus, son of Asyncritus." Serenus son of Ammonius (?), gymnasiarch, said, "... the interchange of days." The senators said, "The resolutions are valid. The 13 th is the day of Xenicus and the gymnasiarchs-elect, ..." Serenus son of Ammonius, gymnasiarch, said, "Do not let the interchange of days injuriously affect the resolution concerning me. On the . . . even if he failed to provide oil; on the 28 th Severus and Epimachus, sons of Philosophus." The senators said, "Bravo, (Serenus; bravo, gymnasiarch ?)."

The prytanis said, "The collector for the golden crown and victory of our lord Aurelianus Augustus, Julius (?) . . . (reported) . . . our lord Aurelianus Augustus, and that his crown has already been prepared, and unless the artificers...; ; these objects are votive offerings. Let 12 talents more be given to the artificers. . ." The senators said, "Let the same persons make the demands." Theon also called Origenes, son of Chaeremon (?) and however he is styled, said, ". . you can demand it from them." The senators said, "Upright, faithful collectors." Euporus also called Agathodaemon, and however he is styled, said, ". . ., if the work is not finished." The prytanis said, "His excellency the epistrategus also . . ." Euporus also called Agathodaemon (?), and however he is styled, said, "As soon as he comes, therefore, the work shall be pressed on." The senators said, ". . . Euporus ; obedient Euporus." Septimius Diogenes also called Agathodaemon, ex-hypomnematographus and however he is styled, syndic, said, ". . . if any money is paid in advance for the artificers, it shall be brought to your notice."

The prytanis said，＂．．and the body of cosmetae through Cornelianus and Pausanias was then sent ．．．reported that before the whole cost was paid ．．．＂＇
 The speaker，to whom the first part of 1.2 also seems to belong，is probably the prytanis， who in B．G．U．362．xv． 8 acts as $\gamma \nu \omega \mu \eta \epsilon \iota \sigma \eta \gamma \eta \tau \eta \dot{\prime}$ and $\dot{\epsilon} \pi \iota \psi \eta \phi \iota \sigma \tau \dot{\eta} s$ ，though the suggestion of Jouguet（ $o p$. cit． $3^{81}$ ）that he alone had the right of exercising those functions is disposed
 lacuna after $\tau$ ，the earlier part of the line being then possibly spoken by the $\epsilon \in \eta \gamma \eta \tau \eta$＇（cf． 1．2），is unlikely；but，if кai $\hat{\omega}[s \chi \rho \eta \mu a(\tau i \xi \epsilon i)$ be restored in l． 2 （cf．e．g．］．6），a third speaker perhaps intervenes，and $\mathfrak{\epsilon} \pi i$ roúzots roís öpoos might be spoken by him，not by the exegetes． The name and titles of Septimius Diogenes，the only $\sigma v v^{\prime} \delta{ }_{c} k a s$ found in 1413－14（cf．1．r7，n．） cannot be restored in 1． 2.

єis $\dot{\eta} \mu \imath \boldsymbol{\chi} \rho t o v:$ cf．l．24，where the two sons of Philosophus have a single day assigned


 exegetes ；cf．int．

3．ஸ̀кєаує́：cf．ll． 2 I，24，41．4，1305，C．P．Herm．7．i．9，Wilcken，Archiv，iii． 54 I．
4．For［í $\pi$ púvavıs $\epsilon i \pi(\epsilon \nu)$ ，projecting by 2 or 3 letters，at the beginning of a new
 which cf．e．g．1252． $3^{8}$ ）；cf．1416． 29.



 view（which is not the usual one）that the officials called oi $\mathfrak{\epsilon} \pi i t \omega \bar{\omega} \sigma \tau \epsilon \mu \mu a ́ \tau \omega \nu$ were connected with the $\sigma$ тépavo of magistrates；cf．P．Ryl．77． 3 I ，n．

5．At the beginning of the line the speakers were probably the $\beta$ ou入єurai or ${ }_{\epsilon}{ }^{\prime} \eta \eta \eta \eta \tau a i ́ ;$ of．int．
［ $\Sigma]_{\epsilon \rho \bar{\eta} \nu o s: ~ t h i s ~ r e a d i n g, ~ w h i c h ~ i s ~ v e r y ~ u n c e r t a i n, ~ w a s ~ p a r t l y ~ s u g g e s t e d ~ b y ~ a ~ c o m p a r i s o n ~}^{\text {a }}$ of $1.23 \sum_{\epsilon \rho \bar{\eta} \nu o s ~ ' A \mu \mu \omega \nu i o v ~ \gamma \nu \mu \nu a \sigma i a \rho \chi o s ~ w i t h ~ 1 . ~ 9, ~ w h e r e ~] s ~ \epsilon ' \sigma \tau \iota ~ \gamma v \mu \nu a \sigma i a \rho \chi o s ~ p r o b a b l y ~ r e f e r s ~ t o ~}^{\text {a }}$ the person mentioned in 1．5．Since the exegetes ranked below the gymnasiarch（1412． $\mathrm{r}-3, \mathrm{n}$ ．），and the two offices were not，so far as is known，combined，the circumstance that Serenus was a gymnasiarch seems to have prevented，in the opinion of the $\sigma$ vivoroos， his being eligible for the post of exegetes．Otherwise this mention of a gymnasiarch in l． 9 is very abrupt，for in ll．9－I I the subject is still the election of exegetae，and though in 1.12 the prytanis appeals to other $\dot{\alpha} \rho \chi a^{\prime}$ there is nothing in ll．12－17 to indicate that any magistrates other than exegetae or their émırクpŋrai were proposed．That the members of the third tribe（ll． $\mathbf{1}^{2-13}$ ）should come next after the кowóv of exegetae in nominating persons for that office is quite natural ；cf．l．12，n．

6．$\dot{\alpha} \pi \grave{o} \tau \tau \mu \bar{\omega} \nu$ is used by itself as a title in 1498． $\mathbf{1 - 2}$ ．
 55．I4 танias $\tau \hat{\omega} \nu \pi$ по入ıтıкิิ้ $\chi \rho \eta \mu a ́ \tau \omega \nu$ ）；but he might be the secretary of the prytanis（who is described as $\delta \iota \epsilon \in \pi \omega \nu$ rà $\pi 0 \lambda \iota \tau \iota k a ́$ in 55．4），though in that case he would be expected to be mentioned more often．A different official，the $\sigma \kappa \rho i \beta a s$, seems to have been the principal secretary of the senate ；cf．1191．7，n．，1417．го．


 $\pi$ ópos rather than take office. Line 14 below also refers to the seizure of a $\pi$ ópos (that of Plution or some one just mentioned?), apparently owing to the owner's refusal to become
 For the rank of the inoнıпиатоурá申os cf. 1412. 1-3, n.
9. The name ]s is probably the same as that in 1.5 ; cf. n. ad loc.
 $\pi a \tau$ е́pa.
 more interested in them than in the exegetae, and the post of $\dot{\epsilon} \pi \iota \tau \eta \rho \eta \tau \eta$ appears to have been as important as that of the magistrate whom he supervised. ${ }^{\prime} \pi \iota \tau \eta \rho$. of exegetae are new, but $\dot{\epsilon} \pi \iota \tau \eta \rho$. of the áyopavoutiov are often found acting in place of agoranomi in Heracleopolite papyri, and $\dot{\epsilon} \pi \iota \tau \eta \rho$. of gymnasiarchs occur in an obscure context in 471. 29-36. For $\dot{\epsilon} \pi \iota \tau \eta \rho$. of banks, whose relation to the $\tau \rho a \pi \epsilon \zeta$ ITa is not yet clear, cf. 1411. 4, n. The present passage shows clearly the nature of the distinction between magistrates and their $\dot{\epsilon} \pi \iota \tau \eta \rho \eta \tau a \dot{i}$, and in the light of the new evidence the common identification of the $\dot{\epsilon} \pi \iota \tau \eta \rho$. ajopavoutiov with agoranomi (e.g. Jouguet, op. cit. 335) is to be rejected.
 to persons accepting office.

II-12. тои́т $\omega \nu$. . . $\beta$ оv $\lambda \eta_{\eta}^{\nu}$ : cf. 1414. 18.
 19 sq. The фùai corresponded to the ${ }^{\prime} \mu \phi o \delta a$ at this period (cf. 1116. 20, n.), and that $\lambda_{\text {etroupyiat }}$ were assigned to them in rotation was known from e.g. 86. 10-11; cf. Jouguet, op. cit. 410-11, and l. 5, n.
 by a proper name is probably to be restored at the beginning of both this line and 1.14 ; cf. int.
14. That the $\sigma \dot{v} \nu \delta \iota$ коs is the speaker is clear from $\pi a \rho a \tau \epsilon[\theta] \eta \sigma \epsilon \tau a \iota ~ \dot{v} \mu \hat{L}[\nu$, which is a favourite phrase of his ; cf. l. 33 and l. $17, \mathrm{n}$. Before катєì $\eta \phi$ a the name of the person nominated in
 ėтoíkov was in the äve тoтapxia (1285. 62).
15. ]\$os: if this belongs to a title, not to a proper name, íтони $\quad$ натоурá]\$os is required, and the remark seems not inappropriate to that magistrate; cf. 1412. i-3, n. $\gamma \in \nu \dot{\rho} \mu \in \nu=s$ $i \pi \sigma \mu \nu$. can of course be read, but Septimius Diogenes is unsuitable, since $\sigma \dot{v} \delta \iota \iota$ os comes after $\dot{v} \pi \circ \mu \nu$. in his titles and he was the speaker in 1. 14; cf. n. ad loc.
16. $\beta$ ov $\lambda \hat{\eta} s$ can be substituted for $\phi \cup \lambda \hat{\eta} s$. Nesmimis was in the äע $\omega$ тотархia (1285. 57), Dositheou in the ка́тн гот. (1285. 139; cf. 1425. 4, n.).
17. $\sigma$ úvòkos: apart from 1413-14, where Septimius Diogenes plays an important part in the debates (cf. int.), and 1417, where another $\sigma \dot{v} \delta \delta$. appears on behalf of the senate at a trial before a strategus, not much is known about syndics in Egypt. An Oxyrhynchus papyrus at Leipzig (M. Chrest. 196), a $\pi \rho \circ \sigma \phi \dot{\omega} \nu \eta \sigma \iota s$ of $\beta_{\iota} \beta \lambda_{\iota} \neq \dot{\jmath} \lambda \boldsymbol{\lambda} a \kappa \epsilon s$ concerning the property of an accused person, is addressed to the prytanis and two $\sigma$ vivoıko $\beta$ ßovievtai, who thus ranked below him. The normal number was at least two, for the plural also occurs in
 rhetorical is without justification), and in C. P. Herm. 23. ii. 5-8, where at a trial before an


 ments by a syndic occur also in C. P. Herm. ${ }^{2} 5$. ii. $3-4$ and 41. 25 ; cf. 1413. 14, 33, 1414. 16, the verb being also used by the prytanis in 1415.8. C. P. Herm. 53 is probably
a letter from the senate to a syndic（so Wilcken，Chrest．39．int．）concerning an action brought by the senate against the gymnasiarchs（cf．1417）．In ancient Greek city－states
 the $\epsilon \kappa \delta \iota \kappa o s \tau \eta \bar{\eta}$ nódecos（defensor civitatis），who appears in Egypt early in the fourth century （cf．1426．4，n．），was an official of the central government，whereas the ovyocoo were presumably elected by the senate，like the prytanis（1414．24－7）．
 offices having exceeded one year is confirmed by 1418. i 5 ；cf． 1410 and 1418．intt．

19．The analogy of the beginnings of new sections elsewhere in 1413－15，in which the prytanis is the first speaker（cf．l．4，n．），suggests that he introduced the discussion here also ； but，if so，his remarks were unusually brief．The first person in ll．19－20 appears to refer to the gymnasiarch who is acclaimed in l． 2 I ，even though in 1498． 28 the prytanis is found making payments，which may be for oil，together with other municipal officials，some of whom were probably gymnasiarchs．Ptolemaeus must have been mentioned before 1．2I， and the sentence beginning $\epsilon^{\text {eà }} \boldsymbol{\nu}$ oủv［ was probably a request to let him off his appointed day or days；cf．ll．22－3，where the proposed change is further discussed．A word like $\boldsymbol{i} \pi \epsilon \in \sigma \chi \in \tau o$ followed by a proper name is required before $\epsilon$ lis．

 gymnasium concerning the neglect to provide oil on particular days assigned to different gymnasiarchs．
$\tau \hat{\eta} \hat{\epsilon} \xi \bar{\eta} s{ }_{\nu} \in o \mu \eta \nu i a:$ i．e．Thoth I（cf．1．20），not the ist intercalary day．
$\pi a \rho a \delta \epsilon \chi\left[\right.$ ：if this word belonged to the preceding sentence it was probably $\pi a \rho a \delta \epsilon \chi\left[{ }^{\circ} \mid \mu \in \nu \sigma s\right.$
 obscure．But a full stop is perhaps to be placed after ${ }^{\prime \prime}[X \rho \epsilon \epsilon \sigma \epsilon] \nu$ ，in which case e．g．$\pi$ apa－ $\delta \epsilon_{\chi}$［ $\theta \eta \dot{\eta} \tau \omega \mu$ 生 is possible，though not satisfactory；for a request for the remission of Ptolemaeus＇ day came in ll．20－1（cf．l．20，n．），and all the earlier part of his speech seems to be narrative．
 been a third brother，acting by himself．Фi入ooó申ov is probably a proper name，not a title as
 On the days of gymnasiarchs cf．1．19，n．，1416．6－9．
$\dot{\epsilon} \pi \epsilon \sigma \tau \alpha \dot{\tau} \epsilon \iota$ ：this term is new in connexion with gymnasiarchs．The context shows that
 Preisigke（Beamtenwesen，63）and Jouguet（op．cit． 32 I）from P．Rainer，Mittheil．iv． 58 is non－existent，as appears from the publication of the full text in C．P．Herm．94，the title being $\dot{\epsilon} \pi \mu \mu \in \lambda \eta \tau \eta \eta^{\prime} \tau \hat{\eta} s \pi \lambda a \kappa \dot{\omega} \sigma \epsilon \omega s$ $\sigma \tau o \omega \hat{\nu} \gamma v \mu \nu a \sigma i o v$.

2 I－2．＇A $\sigma[v] \gamma \kappa \rho i \mid[$ rov：$\sigma \kappa \rho i \mid[\beta a s$（cf．1417．10）might be read，but there is hardly room for a patronymic in front of it．

22．The speaker in the first part of the line may be Ptolemaeus or Serenus（cf．l． 23 ）， but is more likely to be another gymnasiarch making a similar objection to that of Serenus．

ки́pıa тà $\psi \eta \phi \dot{\prime} \sigma \mu a \tau a:$ this probably refers to the previous decrees concerning the days of gymnasiarchs，which were not to be affected；cf．I．23，n．
$\Xi \epsilon \nu$ iós ：cf．1498．22，34，probably referring to the same person．That gymnasiarchs－ elect were liable for providing oil is noticeable ；cf．P．Brit．Mus．in 66 ，where a $\mu \in \lambda \lambda o \gamma \nu \mu \nu a-$ oiap oos makes a contract regarding the heating of a gymnasium thirteen months before entering office．

23．$\Sigma \in \rho \bar{\eta} \nu o s:$ cf．l．5，n．$\mu$ ov tò $\psi \dot{\eta} \phi \iota \sigma \mu a$ means a resolution appointing a particular day for Serenus（cf．l．22），not a resolution proposed by him．
24. Whether $\epsilon i]$ каı $\mu \dot{\eta}$ ё $\chi \rho \epsilon \iota \sigma \epsilon \nu \kappa \tau \lambda$. was spoken by Serenus or e.g. by the speaker of 11. 19-20 is uncertain. $\kappa \eta$ may refer back to Mesore (cf. l. 19) ; if it refers to Thoth, there was an interval of several days for which no arrangements were made. Similar intervals occur in C. P. Herm. 57-62. For 'Елінахоs cf. 1. 20, n. For the restorations at the end of the line of. 1. 2 I.
25. The prytanis, not $\dot{\epsilon} \pi \epsilon \in \kappa \pi \eta s$, was the speaker, as is shown by $\dot{\eta} \mu \bar{\omega} \nu ;$ cf. 1. 4, n.


 rather than that of a new speaker, e. g. 'lov入ıàòs ó каì $\Delta \iota о \sigma к о \nu \rho i o ̂ \eta s ~(1 . ~ 7) . ~$.

 $\tau \dot{\alpha} \sigma \kappa] \in \dot{\eta} \eta$ makes it improbable that that $\tau \dot{\alpha} \sigma \kappa] \in \dot{\nu} \eta$. . . yiverat is the apodosis, and the parallel


29. áyvoi пıศтоí: cf. l. II, n.
 he appears as mpútavis in the 5 th-6th years of Aurelian and his titles are given in full (cf. p. 28). His proposal met with the approval of the senate (1.32).

 (cf. 1.28) is also possible.
32. єنं $\delta o o i k \eta \tau \epsilon$ : the instances of this word in Stephanus, Lex., refer to easily digested food. J $\tau \epsilon$ was probably another compound beginning with $\epsilon \dot{\jmath}-$ rather than $\dot{\alpha} \gamma \nu \grave{\epsilon} \pi \iota \sigma] \tau \dot{\epsilon}$ (cf. l. it).
34. ] $\pi \Delta v: \gamma, \sigma$, or $\tau$, followed by $\iota$, can be read for $\pi$, but $\pi \rho o ́ \sigma \kappa \lambda \eta]^{\top} \tau \sigma \nu(c f .1412 .12$ ) and $\sigma v \boldsymbol{c}_{\text {é }}$ Joıo are inadmissible. For the activity of the koıvá of different magistrates after the foundation of senates cf. 891 , where the prytanis Cornelianus (about twenty years after the date of 1413) may be identical with the cosmetes of that name here.
35. Mágıцо⿱ : possibly the Máǵц
36. $\lambda_{\iota \tau o u p \gamma] \eta \sigma i a \nu: ~ c f . ~ 1 . ~}^{17} 7$.

## 1414. Report of Proceedings of the Senate.

This report is similar to 1413 and approximately contemporary with it, the same syndic being mentioned. It is written in two hands, of which the first is smaller than the second, and both are different from that of 1413 . The lines were of about the same length as those in 1413 and 1415, and both beginnings and ends are lost, but $11.4,19$, and 24 , where the restorations are practically certain, combine to indicate clearly the extent of the initial lacuna (about 16 letters) at the beginning of a new section; the other lines presumably began a few letters to the right, as in 1415. ii. At the ends of lines about 50 letters are missing, to judge by ll. $9-10$, where the whole lacuna between them can be filled satisfactorily; but cf.l. I6, n. Parts of six or seven different sections are preserved (that a new one began in 1 . I2 is not certain), and except the first and last are fairly intelli-
gible. Besides the prytanis and syndic, the only speakers appear to be the senators collectively, thus affording a contrast to 1413 and 1415 ; cf. 1413. int.

The first three (or two) sections (ll. $1-16$ ) are concerned with different points connected with the $\dot{\delta} \theta$ ovı $\rho \rho \dot{a}$, on which subject in general see Wilcken, Grundz. 245-7, and Reil, Beitr. z. Kenntnis d. Gezverbes, 5 sqq., and in reference to the temples Otto, Priester u. Tempel, i. 300, ii. 64. That the Ptolemaic government controlled the textile industries in a manner somewhat similar to the oil-monopoly was shown by the fragmentary Cols. Ixxxvii-cvii of P. Rev. Laws; but the details are obscure, and how far the parallelism with the oil-monopoly is to be carried is doubtful, especially in the Roman period, when Reil in fact supposes that the weaving monopoly had disappeared. To the scanty evidence for that period have now to be added P. Ryl. 98 (A. D. 172), an application for the lease of the iotcrapxia of an Arsinoïte village, addressed to the $\grave{\epsilon \pi \iota \tau \eta \rho \eta \tau a i ~} \mu \iota \sigma \theta 0 \hat{v} \beta a \phi \iota \kappa \eta$, which favours the continuance of a monopoly; I89, a receipt for $\chi \nleftarrow \hat{\omega} \nu \epsilon S$ of some kind (cf. 1414. I, n.) and $\pi a \lambda \lambda i ́ o \lambda a$ delivered in A. D. 128 by the $\gamma \epsilon \rho \delta \delta \iota \iota$ of Socnopaei Nesus to $\pi a \rho a \lambda \hat{\eta} \pi \tau a \iota ~ \delta \eta \mu o \sigma i o(v) ~ i \mu a \tau \iota \sigma \mu \circ \hat{v} \kappa \omega \sigma \tau \omega \delta \iota \hat{\omega} v ; 214$, a list
 a taxing-list mentioning a payment of $5,420 \mathrm{dr} .2 \mathrm{ob}$. for $\dot{0} \theta_{0}(\nu \iota \eta \rho a ́)$; Preisigke, S.B. 5677.9, a payment of 85 dr . for $\mu \in \rho(\iota \sigma \mu 0 \hat{v}) \sigma \tau o ́ \lambda(o v) \sigma \tau \rho a(\tau \iota \omega \tau \hat{\omega} \nu)$; 1436. 5, where $\dot{\delta} \theta[o v(\imath \eta \rho a \hat{s})$ occurs in a list of taxes (cf. 1438. int.) ; 1428, a letter to an exactor about an $\dot{\epsilon} \pi \epsilon \dot{\kappa} \kappa \tau \eta s$ [ $\tau \hat{\eta} s$ ] óOóvŋs and the manufacture of the requisite $\dot{v} \phi a ́ \sigma \mu a \tau a$; and 1448, a list of $\sigma \tau \iota \alpha \dot{\rho} \rho \iota a$ and $\pi \alpha ́ \lambda \lambda \iota a$ due from various villages. Most important of all is the present passage, which throws some much needed light on the relations of traders and manufacturers in the textile industries to the State and to the senate as tax-collector. Except for instances of payments of 12 drachmae for $\chi \in \iota \rho \omega v a ́ \xi ı v ~(c f . ~ 1436 . ~ 4) ~ b y ~ a ~ \lambda ı \nu o ́ v ̈ \phi o s ~ i n ~ W i l c k e n, ~ O s t . ~$ No. 23, and by a $\lambda \iota \nu 0 \pi \omega \boldsymbol{\jmath} \lambda \eta$ s in Ost. No. 45, little was known of those two classes of persons in the Roman period. Lines I-3 belong to the conclusion of a discussion about what seems to be a sum payable by the nome as the value of (most probably) $\sigma \tau \iota \chi^{\alpha} p \iota a$, the prytanis being apparently the speaker. In spite of P. Ryl. 214. 42-3, n., there was probably a close connexion between
 $\tau \iota \mu \eta$ of clothes in 1414 or $\dot{o} \theta$ ovı $\quad \rho a ́:$ the latter was probably an adaeratio from those who did not provide actual clothes, and was balanced against the payments from the local authorities to the city manufacturers (cf. $1.15, n$.) or, as apparently in ll. $1-2$, against the total value of clothes due from the nome to the central government. The suggested interpretation of $11.1-2$ serves to explain a difficult passage in P. Leipzig 57 concerning the proportion of the tax which fell on $\mu \eta \tau \rho о \pi o ́ \lambda \epsilon \iota s ; c f .1$. I, n.

In 11. 4-1I the topic is the supply of yarn ( $\lambda^{\text {ivov }} \sigma \tau \eta \mu o v i \kappa o ́ v$ ) required for making the vestments ( $\dot{0} 0$ óv $)$ ) of a local temple, and the amount to be paid to the yarn-merchants ( $\lambda \nu \dot{\varepsilon} \mu \pi 0 \rho o \iota)$. Probably a new section began at 1.12 , where the question of the remuneration of the city cloth-weavers ( $\lambda$ ıvóvoot) was entered upon. The opening speech of the prytanis (cf. 1413. 4, n.) explained that a previous resolution of the senate concerning the budget of a temple required modification on account of the difficulty of obtaining yarn for manufacturing the temple vestments. Owing to the refusal or inability of the village flax-spinners and their wives to carry out their engagements, it had apparently become necessary to apply to the city yarn-merchants for the material, as was pointed out by the syndic, who reported that the price demanded by them was 49 denarii (Ig6 drachmae), of which II denarii had already been advanced from the тацıaкòs $\lambda$ óyos ( $1.8, \mathrm{n}$.). This price was considered too high by the senate, and they reduced it to 30 denarii ( 120 dr .) in all, a figure accepted by the syndic, who then undertook to present a sample to the weavers appointed for the manufacture of the temple linen. These are also mentioned in the obscure 1. II, which seems to be concerned with the same subject as 1 . 10; but the topic of discussion changes in 11. 12-16, which are concerned with a petition from the associated cloth-weavers of Oxyrhynchus, asking for an increase in their remuneration owing to the rise in both the price of raw materials and the wages of their assistants. Probably these manufactures were destined for the State, like those in 11. $1-3$, not for the temple, as those in 11. 4-II. The figures relating to the demand of the cloth-weavers are not preserved; but some increase in remuneration was conceded by the senate, which fixed the amount payable to them at 200 drachmae (for each крiкos? ; cf. 1. 15, n.).

After a short section (ll. 17-18), perhaps referring to a different sitting (1. 17, n.), which deals with an appointment to a public office of some kind at the instance of the strategus, the question being adjourned, $11.19-23$ are concerned with another and similar communication from the strategus, ordering the appointment of persons to convey animals and other supplies for the government down the river, probably to Alexandria or Babylon; cf. 1415. 4-12. The prytanis stated that in order to expedite matters he had held a partial meeting of senators and nominated a certain Sarapion. His choice was ratified by the acclamations of the senate as a whole. This interesting side-light upon the powers of the prytanis serves to explain a passage in B. G. U. 144 (1. 2I, n.). Another instructive section follows in 11. 24-7, concerning the approaching resignation of the prytanis. The law, as it now appears, required that a new prytanis should be nominated six months before entering office. How long the normal tenure was is uncertain, but C. P. Herm. 57 sqq. show that at Hermo-
polis the same prytanis was in office for 14 consecutive months in the 14th and ${ }^{1} 5$ th years of Gallienus, and probably he was prytanis in the 13 th year also, so that if the appointment was annual re-election was evidently not unusual; cf. Jouguet, Vie munic. $376-8$. That the tenure was annual is now much more doubtful in view of the new evidence concerning the longer length of tenure (five years ?) of the offices of gymnasiarch and decemprimus (cf. 1410, 1418. intt.); but the question of re-election may well have entered into the present case, for after the senate had declared their intention of making the necessary choice by a resolution comes a speech from the prytanis alluding to his bad health, and that he was declining a proposal to re-elect him (which is probably lost in the lacuna between $11.25^{-6}$ ) is fairly evident from the complimentary entreaties of the senate that he should continue in office, which seem to express the resolution alluded to in 1.25 . A new section apparently began in 1.28 , where an obligation which probably fell on some members of the senate is mentioned, but the remains of the last three lines are very slight. If $\beta o v i \lambda \dot{\eta} v$ in 1.29 is correct, the sitting in question was specially summoned, like that to which 1412 refers.

On the verso is a list of payments by various officials in the 5th year of Aurelian or Probus (1498) ; cf. 1413. int.



 $\theta \omega \sigma \alpha \nu$ € $[\pi \tau \grave{\alpha} \not{\eta} \mu \tau \sigma v$ ?
3 [ 10 $1 . \quad]$ x̣í $\xi \in \tau$.






 єīm(ov).

 $\lambda \iota \nu \epsilon ́ \mu \pi о р о \iota$ ?

 тацıако仑̂ 入óyov


 $\gamma \in \nu o ́ \mu \in \nu о s$

 roîs $\mu$ (2nd hand)é $\lambda \lambda o v \sigma i[\nu \quad \dot{v} \phi \alpha i v \in \iota \nu$
 óӨóvq» тồ ípô̂ àva. [

 ä $\lambda \lambda \alpha s{ }_{\delta} \rho \alpha \chi \mu \grave{\alpha} s$

 тoîs $\lambda \iota \nu o u ̈ \phi o \iota s ~ a ̈ \lambda \lambda \alpha \iota ~ \delta \rho \alpha \chi \mu \alpha i$
 $\tau \iota \mu i \alpha \nu \tau \hat{\omega} \nu \epsilon i \delta \hat{\omega} \nu$. тоиิто $\psi \eta \phi[i ́ \sigma \alpha \sigma \theta \epsilon$ ?
${ }^{15}$
[. . $\sigma v \nu \tau \epsilon] \tau!\mu \eta \mu \epsilon \in \nu 0 v$ то̂̂ крíkоv каì аûтаı $\pi \rho о \sigma \gamma \epsilon \nu \epsilon ́ \sigma \theta \omega \sigma \alpha \nu$. oi $\tau \epsilon-$

 єim(ov) oīш.
 $\pi \epsilon \rho \grave{\imath}$ то̂́ $\alpha i \rho \epsilon \theta \hat{\eta} \nu \alpha \iota \iota \kappa \alpha[$

18




$21 \quad[\quad 151 . \quad]$

22
15 1. ] $\gamma[\hat{\epsilon}] \nu \eta \tau \alpha \alpha$. oi $\beta o v \lambda \epsilon v \tau \alpha i ̀ ~ \epsilon i ̂ \pi(o \nu) \cdot \dot{\alpha} \tau i ́ \mu \eta \tau \epsilon \pi \rho v ́ \tau \alpha \nu \ell$,





|  |  |
| :---: | :---: | $\gamma \epsilon i \Lambda[\epsilon] \tau \alpha \iota \quad \tau[\quad \dot{o} \pi \rho u ́ \tau \alpha \nu \iota s \in \hat{i} \pi(\epsilon \nu)$.

 ìs $\grave{\epsilon} \pi i ́ \sigma \tau \alpha \sigma \theta \alpha \iota$, к $\alpha!$ [.......].... [




 $\beta o v[\lambda \eta \nu$


 16. $\ddot{\mu} \mu \nu$ П. 1. ои̃т $\omega$. 21. o of $] v \pi o \nu$ corr. from $a$. 22. $\epsilon$ of $a \tau \iota \mu \eta \tau \epsilon$ corr. from al. $\tau a$



1-27. ' (The prytanis said,) ". . is owing, and 14 talents. The value of the 100 (?) garments is $14[0]$ talents, . . I have received the $6 \frac{1}{2}$ belonging to the nome on account of the city's share. Let them be compelled to pay monthly from their own property $7 \frac{1}{2}$ (?) . . "

The prytanis said, "You examined the list of the temple and fixed a limit, and your resolution was submitted to the strategus, but (the priests?) . . . made the excuse that those who undertook the work in question and their wives were unable to spin the yarn, .. . (see) that on this point also you fix a limit, for there are only a few villages in your nome which have this material." The senators said, . . . Septimius Diogenes also called Agathodaemon, ex-hypomnematographus and however he is styled, syndic, said, "(The jarn-merchants report that) . . . and the price of weaving-yarn is 49 denarii, and I I denarii were paid to them from the Treasury's account . . ." The senators said, "Let the yarn-merchants be content with ig denarii besides what was paid to them from the Treasury's account." Septimius Diogenes also called Agathodaemon, ex-hypomnematographus and however he is styled, syndic, said, "If this is your decision in the case of the weaving-yarn, we will supply a sample and . . . to those who are to weave it . . . Let the cloth-weavers who are to weave the linen of the temple appoint (?) some one to (test it ?)."

A petition of the city cloth-weavers having been read, to the effect that, besides the ...
drachmae paid to them in the past year (for each . . .), . . more drachmae should be given to them on account of the rise in the value of the materials and in the wages of their workmen, after the reading the prytanis said, "Let . . more drachmae be given to the cloth-weavers, making 200 drachmae in all, on account of the rise in value of the materials. Decree this . . . When the bundle (?) has been valued, let these (drachmae) too accrue. Those who pay the value of the (cloth) . . it shall be submitted to you at the next meeting of the senate." The senators said, "So be it."
(Date ?) A communication from Terentius Arius, strategus, having been read, concerning the election of . . ., it was decided to postpone the matter until the next meeting.

A communication from the strategus having been read, concerning the election of other convoyers of animals, after the reading the prytanis said, ". . . especially the convoyers of the animals transported . . . I collected some senators who were present and nominated one, Sarapion . . . in order that there should not be (any delay) . ." The senators said, "Invaluable prytanis; save yourself for us, prytanis ; excellent is your rule ; excellent . . "" The prytanis said, ". . is in the counting-house." The senators said, "The prytanis has done right."

The prytanis said, "The law commands that the coming prytanis should be nominated six months beforehand. I remind you ..." The senators said, "The nomination is made with a resolution . . ." The prytanis said, ". . . for I have (long) been ill and have a cough from my lung, as you know, . . " The senators said, "(Illustrious) prytanis, noble prytanis, still labour for us; labour in a manner worthy of the past." '
 case rather than to the word after $\tau \omega \bar{\omega}$, and is perhaps accounted for by the figures in l. 2 ; cf. n.
$\tau \iota \mu \dot{\eta}$ : cf. ll. $9, \mathrm{I}_{5}, \mathrm{nn}$., and the $\pi \rho o \sigma \tau \iota \mu \dot{\eta} \sigma \epsilon \mathrm{~s} \dot{\mathrm{o}} \theta 0 \nu i \omega \nu$ in P. Tebt. 5. 63.
$\sigma[\tau l] \times[a] \rho i \omega \nu$ : cf. e. g. 1448. I. The reading of the figure ( $\rho$ ?, if there was a number at all) is very doubtful; but a new compound of ioto-, like ioroдo . . . . ous in P. Ryl. 189. 3
 That a kind of garment was meant is strongly suggested by the context and a comparison of 1. 2 with P. Leipzig 57. 26 sqq., an undertaking to transport to Alexandria rò $\dot{\epsilon} \pi i \beta a \dot{\lambda} \lambda \lambda o \nu \tau \hat{\eta}$

2. à $\pi \epsilon \in \chi \omega$. . . єis $\tau \grave{o} \mu \dot{\epsilon} \rho \in s ~ \tau \hat{\eta} s \pi o ́ \lambda \epsilon \omega s:$ this indicates that the prytanis was the speaker in 11. $\mathrm{I}-2$; cf. 1515. I , where he pays a tax on behalf of the city.
 making monthly payments, not, as usual, for $\mu$ quıaîo $\lambda$ dó yo (cf. Wilcken, Archiv, ii. 126) is remarkable, but without alteration of the text can hardly be avoided.
4. $i \in \rho o \hat{v} \gamma \rho a \not \dot{\eta}^{\nu} \nu$ : this document probably resembled B. G. U. $3^{62}$, the official budget of the chief temple at Arsinoë in A. D. 215 , and corresponded to the budget usually appended before 202 to the annual урафаі̀ $i \in \rho \epsilon \dot{\epsilon} \omega \nu$ каì $\chi є ь \rho \iota \sigma \mu о \hat{v}$ (the contents of the temple; cf. 1449), e. g. B. G. U. 162, P. Tebt. 298. After the establishment of senates, which assumed the administration of the temples, the budgets seem to have been drawn up by a special $\bar{\epsilon} \pi \mu \epsilon \lambda \eta \eta_{\eta} \eta_{s}$ appointed by the senate (B. G. U. 362. iii. 3), rather than by the priests. It is noticeable that P. Ryl. IIo (A. D. 259 ), in most respects resembling an ordinary second-century $\gamma \rho$. iєpé $\omega \nu$ kaì $\chi \epsilon \iota \rho$., has no budget attached to it. The temple in question, which was not precisely described (cf. I. II), was probably one of the two principal shrines at Oxyrhynchus, the Serapeum and Thoëreum ; cf. 1449. int. and 1453.
öрор: cf. 1. 6, 1409. I5, n., 1413. 1-3. It seems to have fixed inter alia the amount to be collected by the senate for the yarn required by the priests. Lines $8-9$, where an advance

imply more than that the senate was responsible for obtaining the supply of yarn; for the
 (cf. l. $\mathrm{I}_{5}, \mathrm{n}$.), or at any rate on the contributors to the temple, who were by no means all senators, as is shown by the list of persons (many of them women) making payments to the Arsinoïte temple in B. G. U. 362 .
5. It is not clear whether $\delta \dot{v} v a \sigma \theta a t ~ i s ~ g o v e r n e d ~ b y ~ \pi \rho о є \beta a ́ \lambda o v \tau o, ~ o r ~ b y ~ a ~ w o r d ~ l i k e ~ ф a ́ \mu є \nu o 七 ~$ or סıà тó in the preceding lacuna; in the latter case $\pi \rho \circ \in \beta a ́ \lambda д \nu \tau o$ connects with what follows. Besides a negative, the lacuna may have contained another infinitive with rov̀s . . . $\mu є \tau a \chi \epsilon \rho \iota \sigma a-$
 that some reference to $\lambda_{i \nu \nu \nu} \sigma \tau \eta \mu о \nu \iota \kappa o ́ v$ or $\gamma^{\prime} \rho \delta \delta \iota$ had also just occurred. The subject of $\pi \rho о є \beta a ́ \lambda o \nu \tau o$ is probably either the priests or $\dot{\epsilon} \pi \iota \mu \epsilon \lambda \eta r a i$ appointed by the senate to collect the yarn (cf. l. 4, n.), not the $\lambda_{l v o ́ u ̈ \phi o t, ~ w h o ~ d o ~ n o t ~ s e e m ~ t o ~ b e ~ m e n t i o n e d ~ b e f o r e ~ l l . ~ i o ~ o r ~ i n, ~ n o r ~}^{\text {a }}$ the $\lambda_{\iota \nu \in ́ \mu \pi о \rho o t, ~ t o ~ w h o m ~ a u ̉ r o i ̂ s ~ i n ~} 1.8$ refers.

5-6. A verb like фроитібatє or $\gamma \epsilon \nu \dot{\epsilon} \sigma \theta \omega \dot{\epsilon} \pi \iota \mu \epsilon \lambda \epsilon$ 's probably occurred in the lacuna before ]a. For öpov cf. l. $4, \mathrm{n}$.

тои̂ro тò єi̊os: cf. l. I3, where $\epsilon i \hat{\omega} \omega \bar{\nu}$ refers to the yarn. cỉoos here might also mean the flax. Wilcken (Ost. i. 268) supposed that the cultivation of this was regulated under the Ptolemies, like that of the oil-producing plants, but the fragments concerning the ${ }^{3} \theta_{o v i \eta \rho a}$ in P. Rev. Laws bear no trace of a list corresponding to that in Cols. Ix-lxxii, and in later periods at any rate $\lambda_{\iota v o к а \lambda}{ }^{\prime} \mu \eta$ seems to have been cultivated at will, without reference to the government ; cf. e.g. llo2-3. The point of the remark about the $\kappa \hat{\omega} \mu a t$ is not that the villages had failed to produce the statutable amount of yarn, but that this material would have to be obtained not from the local villages, but from the city $\lambda_{\imath \nu \epsilon ́ \mu \pi o \rho o t, ~ w h o ~ p r e s u m a b l y ~}^{\text {en }}$ imported it from other nomes, if there was not enough in the city.
7. ]yat might be vai (cf. 1413. 7), in which case another speaker intervened in the preceding lacuna, but is more likely to belong to an infinitive or participle. On the oivoiкos see 1413. int. and 1 . 17 , n.
 vestiges of the preceding five letters are very slight and inconclusive ; $\epsilon[.] \ldots$ rpıáкогтa might
 where [ $\left.\tau \epsilon \sigma \sigma a \rho a \alpha^{\prime} \circ \nu\right]$ ra $\dot{\epsilon} \nu$. cannot be read; but there is every reason to expect the figure before ápкiot $\omega \sigma a \nu$ to be considerably smaller than that in 1.8 , since the II denarii which had already been paid were part of the 49 denarii, whereas in 1.9 they are an addition to the 19 denarii. The senate, as we think, offered 30 denarii instead of the 49 demanded by the yarn-merchants, who do not appear to have had their prices fixed beforehand by a State tariff like that found in P. Rev. Laws xciv-viii ; cf. I. I3, where the complaint of the clothweavers about the $\pi \lambda \epsilon о \tau \not \mu i a \tau \omega \hat{\omega} \epsilon i \delta \omega \bar{\omega}$ does not suggest that the price of these was fixed by the government. How much yarn was supplied for 49 denarii may have been stated in the lacuna in ll. 7-8; cf. $1.12, \mathrm{n}$.
$\sigma \tau \eta \mu о \nu \kappa \ll v$ : this adjective, 'suitable for warps,' seem to be new.
 obtaining the yarn (cf. l. 4, n.), and not the $\lambda \iota \nu \epsilon \epsilon^{\prime} \pi \sigma \rho o \iota$, were the subject of the verb governing civaı (e. g. $\pi \rho \circ \sigma \epsilon \phi \dot{\omega} \nu \eta \sigma a \nu)$.

 quoted in 1419. 2, n.
 cf. 1. $8, \mathrm{n}$. For $\lambda_{\iota \nu \epsilon} \mu \pi o \rho o t$, which seems to be a new form, cf. the $\lambda_{\iota v o \pi} \omega \lambda a \iota$ in Wilcken, Ost. No. 45, quoted in int. In B. G. U. I. 3 and P. Rainer $a p$. Wessely, Karanis, p. 74, the

the nature of the payment has given rise to some discussion in view of other evidence that the temple in question manufactured óOóva itself；cf．Wilcken，Ost．i．269，Otto，op．cit． i．301．That the $\lambda_{i v o v}$ with which $\lambda_{\imath \nu \epsilon \mu \pi o \rho o t ~ w e r e ~ c o n c e r n e d ~ w a s ~ y a r n, ~ n o t ~ m a n u f a c t u r e d ~}^{\text {a }}$ linen，is clear from the present passage；the occurrence of $\sigma v \nu \tau \epsilon] \tau \iota \mu \mu \epsilon \in \nu o v$ and $\tau \iota \mu \eta^{\prime}$ in 1 ． 15 with an apparent reference to the finished product suggests that the priests of Socnopaei
 likely that the weavers at Socnopaei Nesus were really priests，as supposed by Otto，since in the receipts of the temple there is no trace of profits derived from weaving．The procedure in the case of the Oxyrhynchite temple was different，since the senate did not buy the manufactured article，but had separate arrangements with the persons who supplied the yarn and with the weavers．
 in connexion with the óOóvia supplied by the priests（Rosetta Inscr．1 7－18）．
$\pi \rho о \sigma \epsilon \nu \epsilon \gamma \kappa о \hat{v} \mu[\epsilon] \nu$ ：cf．1260． 28 кат $\epsilon \varepsilon \epsilon \gamma \kappa \bar{\omega}$ ，and $n$ ．The construction of кai тoîs is uncertain．
 was also spoken by the syndic，there was probably some slight variation．
 refers to is not clear．If it is masculine，àva．［ is probably a future participle in agreement， e．g．àva ${ }^{[ } \epsilon \tau \rho \eta{ }^{\prime} \sigma о \nu \tau a$ тò $\lambda_{i \nu o v, ~ m e a n i n g ~ t h a t ~ t h e ~ c l o t h-w e a v e r s ~ w e r e ~ t o ~ a p p o i n t ~ a ~ r e p r e s e n t a t i v e ~}^{\text {en }}$ to examine the sample．But there may be a reference to the payment which they were to receive for making the cloth；cf．1． 15 ．
$\lambda_{\iota}$ óv̈фoı：cf．int．，ll． $12-16,1281.4,1303$ ，and Reil，op．cit． 97 ．An ä $\mu \phi o \delta o \nu$ at Arsinoë was called $\Lambda \iota v \phi \epsilon i \omega \nu$ ，e．g．P．Tebt． 32 I． 5 （wrongly assigned to Tebtunis by S．Niccolò，Vereinswesen，i．102）．

12．For $\dot{a} \nu a y \nu \omega \sigma \theta$ eions at the beginning of a new section cf．1．19；the restoration suits 11． 19 and 24 ．In l． 17 （though cf．n．）and 1415．4， 13,17 the same participle occurs elsewhere than at the beginning of a line，and $\dot{\alpha} \nu a \gamma[\nu \omega \sigma \theta \epsilon i \sigma \eta s$ can be read in l．r r，with кai $d \dot{d}\} \mathfrak{\omega} \sigma \epsilon \omega \mathrm{s}$ in l．12，but the arrangement of ll．11－12 as continuous is not satisfactory．In
 concerned with the temple，while with regard to the supply of yarn their arrangements were
 cloth－weavers（cf． 1303 and the similar guilds of other trades in 85），this being the first mention of them in the Roman period；cf．S．Niccolo，l．c．They must have been the persons responsible for making the cloth required from the city ；cf．ll． $1-3$ and int．
aủrois was probably followed by［íлє̀ éкá $\sigma \tau о v$ крiкov（cf．l．i5，n．）or whatever the measure of the cloth was；cf．l． 8, n． 200 drachmae are much too small a sum to represent the whole amount due to the cloth－weavers．

13．$\pi \lambda \epsilon о \tau \iota \mu i a \nu \tau \hat{\omega} \nu$ єî̀ $\hat{\omega} \nu$ ：cf．Il． $5-6$ ，n．It is clear that the $\lambda \iota \nu o ́ v ̈ \phi o \iota ~ \tau \hat{\eta} s \pi o ́ \lambda \epsilon \omega s$ had to find their own yarn，unlike the $\lambda_{\iota}$ óv̈ ${ }^{\circ}$ o in 1l．10－11；cf．l．12，n．
 oikoóó
 1．r6 they give their assent to some proposal，and though one or more changes of speaker may have occurred in the lacunae in ll． $\mathrm{I}^{-\mathrm{r}} 5$ ，it is more satisfactory to assign the whole passage following $\mu \epsilon \tau \grave{\alpha} \tau \dot{\eta} \nu \dot{a} \nu a \dot{\gamma} \nu \omega \sigma \tau \nu$ as far as $\beta$ ovi $\hat{\eta}$ in l． 16 to the prytanis；cf．1．ィ6，n．

14．$\psi \eta \phi\left[i \sigma a \sigma \theta_{\epsilon}:\right.$ or，if this line was spoken by the $\beta$ 伩六uтai（cf．the preceding n．）， $\psi \eta \phi[\iota$ ऽó $\mu \epsilon \theta$ ．
 66），is found in 147． $2 \sigma \chi \circ \circ($（iov）グтос крiкov in the sense of a coil of rope．Here it seems to refer to a bundle of cloth，perhaps tied by a ring，for aṽrat refers to the additional drachmae
voted by the senate, and the payment to the cloth-weavers would naturally be made after the valuation of the cloth following its manufacture. With $\sigma v v \tau \epsilon] \pi \mu \eta \mu \epsilon \nu o v$ cf. ll. I and $9-10, \mathrm{nn}$. That the крiкos refers to yarn is unlikely (cf. l. 13, n.) ; but whether it means the whole amount due, or is a unit of measurement, is not clear. тou [ $k \rho i$ íкov might be restored after тì $\tau \iota \mu \dot{\eta} \nu$, where the verb may well have been $\dot{a} \pi a \iota \tau \epsilon i \sigma \theta \omega \sigma a \nu(c f .1 .2)$; but [ $\lambda$ ivov is there more likely, though referring to manufactured linen, not to yarn (cf. l. r3, n.). oi $\tau \in \lambda o \hat{\nu} \nu \tau \epsilon s$ are clearly tax-payers, not purchasers, and appear to have been the persons responsible for paying to the senate for the cloth-weavers the value of the cloth, i. e. probably the persons who make money-payments for ó oovı $\eta$ á ; cf. int.
16. $\pi[a] \rho a \tau \epsilon \theta \dot{\eta} \sigma \epsilon \tau a \iota ~ \dot{\nu} i \nu$ : cf. 1413. 14, 17, nn., 33, which suggest that here too the speaker was a $\sigma \dot{v} \nu \delta \iota$ os: but if $\Sigma \epsilon \pi \tau i \mu \operatorname{los} \Delta \iota o \gamma_{\epsilon} \nu \eta s \kappa \pi \lambda$. (cf. l. 7) be restored, the length of the lacunae at the ends of lines was much longer than seems probable in ll. 9-10, and the assent of the senators suggests that $\pi[a] \rho a \tau \epsilon \theta$. $\kappa \pi \lambda$. is all part of the speech of the prytanis. Cf.
 prytanis.
17. Since ll. 19 and 24 are irreconcilable with the supposition that ajvay]voo $\theta^{\prime} \nu \tau \tau o s$ came at the beginning of the line, there was either a blank space before it or more probably e. g. a date. Terentius Arius is possibly the strategus mentioned in 1455. r, 34 (A. D. 275). $\epsilon \kappa a[$ : or $\epsilon \kappa \epsilon[$. A minor official title is expected; cf. I. 19.




 before ${ }^{\prime} \mu a$, but $\left.\epsilon \pi i\right] \mu \epsilon \lambda \eta \tau a[\hat{i s}]$ is inadmissible.
21. єis $̇ \pi<\mu \epsilon \lambda \bar{\eta}]$ то́тод (cf. 1412. 11-12) cannot be read. A similar partial meeting of

 seems more likely.


24. $\dot{\delta} \nu o ́ \mu] o s: ~ " A \rho ı] o s(c f .1 . ~ 17) ~ c o u l d ~ b e ~ r e a d, ~ b u t ~ t h e r e ~ i s ~ n o t ~ r o o m ~ f o r ~ o ́ ~ o \tau \rho a \tau \eta \gamma] o ́ s, ~$ which would rather be expected, if he were mentioned.
25. $\sigma \kappa \in \in \psi \in \omega$ apparently means a resolution of the senate, as in 1412. I3. In 41 the honour to be bestowed upon the prytanis has been supposed by Wilamowitz and others to refer to his re-election, but that is very doubtful since the meeting was of the $\delta \hat{\eta} \mu o s$, not of the senate ; cf. Wilcken, Chrest. 45.9 , n. The appointment of a prytanis seems to have required the confirmation of the praefect ; cf. 1252. verso ij. 18-19.
26. Probably $\pi o \lambda] \dot{\nu}$ (or $\hat{\epsilon} \kappa \pi o \lambda \lambda o j \hat{v}$ ) $\gamma \dot{a} \rho$.
27. $\kappa] \lambda u \tau \epsilon^{\prime}$, a poetical word, is unsatisfactory here, though the doubtful $\pi$ might be $\tau$ and the $\delta$ might be $\lambda$ or $a$. $\left.{ }^{\boldsymbol{a} \pi i}{ }^{\prime}\right] \mu \eta \tau \epsilon$ (cf. 1.22) is inadmissible. Whether the scribe wrote the correct vocative $\epsilon \dot{\lambda} \boldsymbol{\gamma} \varphi\left[\mathrm{E}_{\mathrm{s}}\right]$ ] is also uncertain. The scribe of 41 , who is equally careless, especially with regard to the confusion of $a \iota$ and $\epsilon$, may have intended $\epsilon \dot{\jmath} \tau v \chi \eta$ for a vocative, though Wilcken (Chrest. 45.3 , n.) prefers to regard that form as an imperative, i. e., cu̇vóx $\epsilon$. The vocative of $A \epsilon \omega \nu i \delta \eta s$ is $\Lambda \epsilon \omega v i \delta \eta$ in 1413. 16, but the declension of that word is of course different.

 a quite different sense, and the vestiges of $\beta \circ v[\lambda \dot{\eta} \nu$ are very slight.

## 1415. Report of Proceedings of the Senate.

$$
26.2 \times 3^{2} \mathrm{~cm} . \quad \text { Late third century }
$$

This much damaged papyrus contains the latter part of one column and the beginnings of a few lines of a second from a report of the senate's proceedings similar to $1413-14$ but a little later, and probably belonging to the reign of Diocletian or possibly the period $305-23$; cf. 1413. int. The mention of an epistrategus, an official who is not elsewhere attested later than 280 (P. Ryl. 114. 35, n.), does not favour a fourth-century date. Two sections (11. $4-12$ and $17-31$ ) are fairly well preserved, and another (11. 13-16) is partly intelligible; but the other three are quite fragmentary. Lines 1 -3 belong to the conclusion of a debate, apparently a speech of the prytanis, declaring his intention of referring the question, which seems to have concerned some kind of transport, to the epistrategus. In $11.4^{-12}$ the subject is the consideration of instructions from the strategus to appoint persons to serve in place of two others, who were responsible for transporting military supplies but had absconded. The prytanis was anxious for the appointment of substitutes without delay, but objection was raised by the senate to nominating beforehand a certain class of persons (or perhaps any one at all), for fear of their flight. The prytanis was therefore reduced to an appeal to the epistrategus on this point, as well as on the question of filling up two other vacant posts, of one of which the description is lost but the holder seems to have absconded, the other being the office of winecollector, of which the holder, Aristion, had been released from duty by the epistrategus. The mention of Aristion's name was greeted with exclamations of approval by the senate; when, however, the prytanis made another request for filling up the vacant posts, their reply referred to the seizure of the sureties of the defaulters and shows no signs of their consenting to do as they were asked, so that the concluding remark of the prytanis, which is lost, may well have been a repetition of his former declaration that he would appeal to the epistrategus.

The next section (ll. 13-16) began like the one preceding with the reading of an official communication from the strategus, of which the contents are not preserved; a second communication was from a public banker, apparently desiring a substitute for one of his colleagues, whose conduct had been unsatisfactory. A suggestion was then made, probably by the senate collectively, that a richer person should be appointed, after which the prytanis made a speech, apparently occupying the rest of the section, except perhaps for a remark of assent from the senate at the end ; but the nature of his observations is obscure

In 1. 17 a difficulty arises similar to that in 1414. 12 ; for, though a fresh series of communications was read, the name but not the rank of the official being given, the topic which gave rise to an animated discussion in 11. 18-3I was the appointment of a public banker, and it is not at all clear that a new section began after l. 16, especially as $11.15-16$ may have been concerned only with the instructions from the strategus, and the question of the appointment of another public banker may have arisen out of the communication in 1. 14. The public bankers, however, formed a collegium at this period (cf. Wilcken, Ost. i. 647), and on the whole we are disposed to disconnect 11.17 -3I with the preceding section, and to regard the communications mentioned in 1.17 as parallel to that in 1. 14, but referring to a different vacancy. The first speech seems to have come, as usual, from the prytanis, who pointed out that persons already holding a public office were eligible for election to a second, and it was on this question that most of the subsequent discussion turned; for, after a second speech from the prytanis urging an immediate election (cf. 11. 4-12), but leaving the choice of a candidate to the senate, the members of the tribe which by rotation was responsible for the appointments to liturgies (cf. 1413. 12, n.) proposed the election of Ptolemaeus, a chief-priest, one of the lesser municipal officials (cf. 1412. 1-3, n.). The next speech (1. 21) was apparently an objection to the nomination from Eudaemon (an exegetes who intervenes again later in support of Ptolemaeus) on the ground that the burden of two offices was beyond Ptolemaeus' means, as was also pleaded by the chief-priest himself. The prytanis' suggestion that more pressure should be brought to bear upon Ptolemaeus, as being too modest, led to renewed protests from both him and Eudaemon ; but though perhaps disposed to make some concession with regard to the office already held by Ptolemaeus, the prytanis would take no refusal on the question of the bankership, and the senators showed their opinion by the acclamations customary in these circumstances (1. 27, n.). A final appeal from Ptolemaeus, supported by a reminder of his past services from his champion, was disregarded, and his election as banker was proposed by the prytanis and accepted by the senate, a last good word for Ptolemaeus being spoken by Eudaemon, acquicscing in the verdict of the majority. This lively and interesting debate presents scveral points of similarity to the discussion in C. P. Herm. 7. ii ; cf. 1. 25, n.

Col. ii, belonging to two other sections, contains only one or two letters in most of the lines, but is valuable for its indications of the method of commencing a new section, the beginnings of lines being nowhere else preserved in 1413-15. The lines in 1415 were, as is usual in this class of documents, of great breadth, and in no case can the whole gap between two consecutive lines be filled up with certainty; but in 1. 5 not more than about 45 letters need be lost at the
beginning, and the initial lacuna there is unlikely to exceed 60 letters. Compared with the beginning of 1.5 , the initial lacuna in 11. 1-3 is longer by about $3^{8}$ letters and in 1.4 by 8 ; in 1.6 it is of the same length, and in $11.7-10$ shorter by 5 letters, but longer in 1 . II by 7 , in $11.12-13$ by 11 , in 11 . $14-15$ by 12 , in 1 . i6 by 8 , and in 11 . $17-31$ by about 25 letters.

Col. i.

I
 $\phi \in \rho \in ́ \tau \omega \sigma \alpha \nu$
] $\omega \nu$ àкои́ovбı, ìva каì $\pi \epsilon \rho \grave{\imath}$ тоútov $\alpha \dot{\partial} \tau \hat{\varphi} \pi \alpha \rho \alpha-$
$[\theta \omega \dot{\omega} \epsilon \theta \alpha$.
]











 ס̀̀ кaì $\pi \epsilon-$



 roús, ìva

 $\tau \eta \gamma \hat{\varphi}[\hat{\eta}] \sigma \alpha \nu$. ó $\pi \rho u ́ \tau \alpha \nu / s \in i \hbar \pi(\epsilon \nu)$.







 ．［．．．．］．oi $\beta \circ \rho[\nu \lambda \epsilon] u \tau a[i \in i \pi(o \nu)$ ．



 ［．］．．［．．．．．］s



 ．．．．．．．！？$\omega$ 碞
 $\lambda \epsilon \iota \tau 0 \cup \rho \gamma \epsilon$ íaıs кà！
 $\mu$ е́т $\rho$ tós єíयl，$\pi \alpha \rho \alpha ̀ ~ \pi \alpha \tau \rho i ̀ ~ \tau \rho \epsilon ́ \phi о \mu \alpha[l, ~$
 $\kappa \alpha i ̀ ~ \alpha u ̉ \tau o ̀ s ~ \gamma \grave{\alpha} \rho \alpha \dot{\alpha} \pi \grave{o}$ т $\eta \lambda \iota \kappa[o u ́-$






 $\pi เ \sigma \tau \alpha i \quad \Pi \tau o \lambda \epsilon \mu \alpha \hat{\imath} \epsilon$ ，iка⿱亠凶禸 $\alpha \dot{\jmath} \tau \hat{\varphi}$［



 $\epsilon[\hat{i} \pi(\epsilon \nu)$.
 $\phi \nu \lambda \hat{\eta} \Pi_{\tau о \lambda \epsilon \mu \alpha[i ̂ o s . ~}^{\text {. }}$
 єï $\lambda \alpha \sigma \theta \epsilon$. [

Col. ii.

```
32 ò \pi\rhoú\tau\alpha\nuls [\epsilonĩ\pi(\epsilon\nu)
        \kappa\epsilon [ [
        Beginnings of }7\mathrm{ more lines.
41 ò \pi\rhoú\tau\alpha\nu\nu[S \epsilonỉ\pi(\epsilon\nu).
42}\alpha
```



 27. l. á $\gamma \nu$ ย̀ $\pi$ เซтє́. ïкаעа П.

4-31. "The prytanis said, ". . and it is read to you." Two communications from the strategus having been read, one concerning the appointment of a substitute for Actiasion, senator (?), son of . . ., convoying collectors of wine, who had absconded, the other concerning the appointment likewise of a substitute for Theon, senator, son of . . ., convoying from Arabia (?) collectors of barley, who had absconded, after the reading the prytanis said, ". . . Appoint persons to do the duty, in order that the carriage of the annona for the most noble soldiers may not be hindered." The senators said, "Let . . . not be (nominated) beforehand . . ., lest they run away." The prytanis said, "On this point we will refer to his excellency the epistrategus, and we will also add a statement concerning . . ., and concerning a collector of wine in place of Aristion, who has been released by his excellency the epistrategus in another memorandum." The senators said, ". . . Aristion, when he comes, will prosper ; a prosperous public servant was Aristion." The prytanis said, "Appoint the persons to office, in order that there may be no delay ..." The senators said, "The surety of . . . was already (?) deposited with the strategus, the sureties of Actiasion and Theon were deposited with the strategus." The prytanis said, ...

The prytanis said, "... and it is read to you." A communication from the strategus having been read concerning ..., and one from the banker of public moneys concerning the appointment of a substitute for Pasion, who . .., after the reading the senators said, "Let the prytanis nominate a richer person." The prytanis said, . . .
. . . Communications from . . . esus having been read concerning . . ., after the reading the prytanis said, ". . . were appointed to a public office although they already held such
offices." The senators said, . . . The prytanis said, "Fill up the office, appoint . . ., nominate whom you will." The members of the . . tribe said, . . . Eudaemon, exegetes, said (?), "Ptolemaeus (cannot ?) remain in the public office . . ." Ptolemaeus son of Damarion, chief-priest, said, "I entreat you, I cannot serve. I am a man of moderate means, I live in my father's house, . . ." The prytanis said, "Ptolemaeus still requires to be pressed by you, for he too shrinks from so great an office . . " Eudaemon, exegetes, said, "Ptolemaeus too is a man of moderate means and unable to bear the burden ..." Ptolemaeus son of Damarion, chief-priest, said, "The office is beyond my powers." The prytanis said, "Even if Ptolemaeus . . . in another office (?), he cannot refuse you with regard to the post of public banker. It is, however, clear that it is not permitted..." The senators said, "Upright, faithful Ptolemaeus . . ." Ptolemaeus son of Damarion, chief-priest, said, "I entreat you, I cannot undertake two public offices at one time . . ." Eudaemon, exegetes, said, "Ptolemaeus has often given an example of his loyalty." The prytanis said, ". . . I propose him to you." The senators said, "Ptolemaeus will not refuse his tribe . . ." Eudaemon, exegetes, said, "You elected him on account of his good faith."

2. $a \dot{v} \tau \hat{\omega}$ is probably the epistrategus; cf. 1. 8. $\pi a \rho a[\theta \dot{\omega} \mu \in \theta a$ indicates the prytanis or syndic as the speaker; cf. 1.8 and 1413 . 17, n.


 followed by the name of the strategus (cr. I. 17, n.), probably preceded.
5. For the restoration of the name cf. I. II. For катафє́pov_тоs cf. 1l. 1, 6, 1414. 20 ; калáyov]ros would also be suitable. For кататонтоí cf. 1414. i9, n.
6. $\left.{ }^{\prime} \xi\right]$ ' $A \rho a \beta i a[s$ : this probably refers to the district between the Nile and the Red Sea, or else Arabia Felix. Most of the caravans bringing Arabian wares from Philotera, Myos Hormos, Leucos Limen, or Berenice entered the Nile valley at Kaw $\dot{\prime}$ (Keneh), Coptos, or further south, but Hadrian constructed a road from Antinoë to the coast. 36 ( = W. Chrest. 273) contains part of a tariff relating probably to wares imported from the Red Sea; cf. Rostowzew, Archiv, iv. 298 sqq. The voùs 'Apaßia (cf. 1435. 8) is certainly not meant, and though 'Apaßia is sometimes used merely in reference to that part of an Upper Egyptian
 חaӨvpitov $\boldsymbol{\nu} \mu \boldsymbol{\nu}$; cf. Strabo, p. 806), it is very doubtful whether any part of the Oxyrhynchite nome, even the eastern toparchy, was on the east bank; cf. 1421. 3, n.
7. סótє ктл.: cf. ll. 10-11 and 19. For the annona militaris cf. Wilcken, Grundz. 360.
 suitable.
9. The person referred to in the early part of this line was probably mentioned also in 1. 11, where, if the restoration is correct, he was in the same position as Actiasion and Theon with regard to his surety, a circumstance which suggests that he like them had run


 have contained some complimentary references to him corresponding to those concerning Aristion, and the words preceding $\pi a \rho a ̀ ~ \tau \hat{\varrho} \sigma \tau \rho a \tau \eta \gamma \hat{\varphi}$ in 1 . II would have to be restored differently.
$\sigma v \nu \lambda$ '́ктov oivov: the first word seems to be the genitive of $\sigma v \lambda \lambda \epsilon \in \kappa \pi \eta s$, an otherwise unattested form analogous to $i \pi \sigma \delta \dot{\varepsilon} \kappa \kappa \eta \eta$, rather than of $\sigma \dot{\prime} \lambda \lambda \epsilon \kappa т о s$.


II．$\eta j \delta \eta \eta$ ：cf．I．I 8 ．If $\epsilon \quad \gamma \gamma \dot{\prime} \eta$ is right，it was preceded by the name of the person described in the first part of l． 9 ；cf．n．The deleted letter may have been $s$ or $\nu$ ．
$\pi a p a ̀ ~ \tau \hat{\varphi} \sigma \tau \rho a \tau \eta \gamma \hat{\varphi}:$ declarations of sureties for pilots or vaúk $\lambda \eta \rho o \iota$ in the public service were usually addressed to the strategus，e．g．1554；＇̇ं $\gamma \boldsymbol{j}$ vat probably means the documents， not the actual money．

12．The final remark of the prytanis may well have been $\pi a \rho a \theta \eta \sigma a ́ \mu \epsilon \theta a \kappa \alpha a i \begin{aligned} & \pi \epsilon \rho i \\ & \tau \\ & \text { ov́rov } \tau \hat{\varphi}\end{aligned}$

 бтрaт $\eta$ you being inadmissible．$v$ can be read for $\epsilon$ before..$o v$ ，but the name seems to be different from that in l． 17.
 $\sigma v \nu \lambda \epsilon \iota \tau[0]$ р $\gamma \dot{\eta} \sigma a \nu \tau o[s$ ．The word before кai does not seem to be $\lambda \epsilon \epsilon \tau \sigma \nu \rho \gamma \dot{\sigma} \sigma a \nu \tau o s$, but all the readings in this line after rov̂ are very uncertain．émi $\pi \hat{a} \sigma \iota$ is possible．
${ }^{1} 5$ ．$\dot{\nu} \boldsymbol{\nu} \boldsymbol{\mu} \zeta_{\xi}^{\prime} \sigma \theta \omega$ is apparently middle，as in 1．19；the active occurs in 1413．4，9．The speaker can be the senate collectively or an individual，but not the prytanis，who generally opens the discussion after the reading of documents．ò $\boldsymbol{\rho} \boldsymbol{\mu} \zeta \epsilon \sigma \theta a \iota$（which would be passive， depending on $\pi \epsilon \rho \grave{\imath} \tau o \hat{v}$ in l．14）cannot be read，and an aorist infinitive is expected after $\pi \epsilon \rho i$ rov．For the prytanis as nominator cf．l． 30 ；but the subject might be e．g．the入єıтoupyov̂ซa фu入ウ́；cf．1．19，n．
 not immediately before $\tau \eta \lambda \iota \kappa$ ．At the end of the line ouv $\tau \omega$ would be suitable（cf．1414．i6）， but the reading oi $\beta \stackrel{r}{ }[\nu \lambda \epsilon] u r a[i$ is very doubtful，especially as $v \tau a$ was on a separate fragment， which is not certainly placed here．

17．If a new section began in this line（cf．int．），the prytanis probably made an introductory remark，as in II． 4 and 13 ．The word after $\dot{\epsilon} \pi\llcorner\sigma] r a \lambda \mu a ́ r \omega \nu$ is apparently a proper name，not a title，and may well refer to the strategus；cf．1414．17．

18．For the initial restoration cf．1． 6 ；that $\epsilon$ is $\lambda \epsilon \iota \tau \sigma]$ upyiav $\kappa \tau \lambda$ ．belongs to the $\dot{\epsilon} \pi \iota \sigma \tau a \dot{\lambda} \mu a \tau a$ is less likely．Instances of persons holding more than one public office are not uncommon：
 was often combined with other offices（1412． $1-3, \mathrm{n}$. ），and cf ． $1.25,1416.5, \mathrm{nn}$ ．
 for oi àmò т $\bar{\eta} \mathrm{l}$｜［（number）$\phi u \lambda \hat{\eta} s$ l． 30 and 1413．12，n．
 suggests that，in l． 21 at any rate，Eudaemon（cf．int．）was the speaker，rather than the prytanis or the tribe，and if e．g．ov̀ סv́varat（cf．ll． 26 and 28 ）occurred before П］roдє $\mu a i o s$ ， that sentence too may belong to Eudaemon．The members of the tribe may have said

 àтофєúyєц．
 In any case there is probably a contrast between Ptolemaeus＇àpxtєpofv́vn，which might be got rid of in some way，and the bankership，which he could not refuse；cf．1．30，and 1627， which is concerned with a change of $\lambda$ etroupyiat．A somewhat similar situation occurs in C．P．Herm．7．ii，where Heraclammon，who is pressed to undertake an $\dot{\epsilon} \pi \epsilon \mu \epsilon \bar{\epsilon} \epsilon t a$ ，desires to vacate his position of eutheniarch first（perhaps he was gymnasiarch also，for $\dot{\epsilon} \kappa \tau \bar{\omega} \nu \gamma \nu \mu \nu a-$ $\sigma t a p[x$ in 11．8－9 apparently refers to Heraclammon，and his name may have occurred in 1． 2 as one of the two gymnasiarchs instead of Paniscus＇as restored by Jouguet，op．cit． $3_{3} 8_{3}$ ）．

27．For áyvè $\pi \iota \sigma \tau \epsilon ́$ cf．1413．11，n．iкavá might mean＇bail＇，and a word like àviє $\mu \epsilon \nu$
 sense
28. $\Delta a] \mu a \rho i \omega \nu o s:$ :' or, possibly, ] ' $\Omega p i \omega \nu o s$.
 Ptolemaeus' supporter cf. 11. 24, 31, and 20-1, n. The senate also might be the speaker.
 кобд $\quad$ тєiav. The letter before $a$ (which is nearly certain) can be $\gamma, \lambda, \pi, \sigma$, or $\tau$.
31. $\pi i \sigma \tau \epsilon \omega \varsigma$ ёvєкєע: cf. 1413. II.

## 1416. Memoranda of Proceedings of the Senate.

$$
27.2 \times 12.4 \mathrm{~cm} .
$$

About A. D. 299.
On the recto of this papyrus is a list of official persons (1498). The verso contains a valuable list of subjects discussed by the senate of Oxyrhynchus, and is to some extent parallel to B.G.U. I44, a fragment of what seems to be official memoranda of a prytanis (cf. Preisigke, Beamtenwesen, 53). Col. i of that papyrus is, however, too imperfect to show its contents, and of Col. ii ll. I-5 refer to a person appointed to an office by the prytanis after an informal meeting of senators (cf. 1414. 2I, n.), leaving only 11. 6-9, which are part of a list of
 clearly drawn up by or for a prytanis, and that it refers to the acta, not the agenda, of the senate is indicated by the use of past tenses throughout, especially in 1 . I єiซ $\boldsymbol{\eta} \gamma \dot{\eta} \sigma a \tau 0$. The different subjects are normally introduced by the phrase $\pi(\epsilon \rho i) \tau o \hat{v}$ followed by an infinitive, but in 1.27 there was apparently some variation, perhaps owing to the commencement of a separate section. On the right-hand side there is an almost vertical break, and the ends of lines are mostly lost. Probably at least twenty letters are missing; cf. 1. 6, n. The arrangement of ll. 19-26, which are not likely to form one paragraph, is uncertain. The writing on the recto bears considerable resemblance to 1412 , which belongs to the reign of Probus, and 1416 must be assigned approximately to the close of the third century on palaeographical grounds. The mention of the praefect Publius indicates a date about A. D. 299, though only one emperor is referred to ; cf. 1. 29, n. On the general question of the subjects debated by the senate see 1413. int.


 $\gamma \eta{ }^{\prime} \sigma \alpha \tau о$



```
    \pi(\epsilon\rhoi) \tauо\hat{v}\pi\rhoотра\pi\tilde{\eta}\nu\alpha\iota \gammav\mu\nu\alpha\sigma\iota\alpha\rho\chi\hat{\eta}\sigma\alpha\iota \Phi\alpha\rho\muо\hat{v}|\iota к0
```



```
        viòv \triangleıovv\sigmaíov, \eta 'I\epsiloń\rhoака 'E\rho\muíor, 0 H[ [ , `'H\lambda\iotaó-?
        \delta\omega\rhoо\nu, \iotaа \iota\beta \Delta\omega\rhoí\omega\nu\alpha то̀\nu каi П\lambdaоúт\alpha[\rho\chiо\nu.
```



```
    [\pi(\epsilon\rhoi) \tauо]\hat{v \eta}\xit\omegaк\epsiloń\nu\alphal \triangleí\deltav\muо\nu \tauò\nu к\alphai Eú\delta\alphaá\muо\nu\alpha каi [_ \alpha'\nu\taui
```



```
                            'H\rho\alpha-
```



```
        [к]\alphai 'E\rho\muó\phi\iota\lambdaо\nu к\alphai 'O\nu\nu\hat{\omega}\phi\rho\iota\nu \epsilon'к \deltaо\chi\hat{[\S}
        [\nu]v\nu\epsilon!! i\epsilonр\epsiloń\alpha ка\grave{\imath \tauoùs \sigmaù\nu \alphaủ\tau@̣ ơ\nuо\mu\alpha\sigma0(\epsiloń\nu\tau\alphas) [ \epsilonís \tauò}
        \alphaủ\tauoùs \tau\età\nu \pi\alpha\nu\etá\gammav\rho\iota\nu к\alphai \età\rho\hat{\eta}\sigma0(\alpha\iota) [ 珀\etaे\nuo\nu?
```






```
    [ ......\nu]о\mu\iotaк\alphá\rho\iotaо\nu X\alpha\iota\rho\etá\muо\nu\alpha \pi\alpha\rho\alpha[\sigma\tau\hat{\eta}\sigma\alpha\iota?
```





```
        \epsilon}\pi![[. .] • p.
```



```
    [ .]<[.]
[\pi(\epsilon\rhoi)? . . .]}\epsilon[.] . к\alphai \tau\hat{\eta}s \betaov\lambda\etâs к\alphai \deltaı\alphà \tauò \delta\eta\muо\tau\epsilon\lambda\hat{\eta} \epsiloniv\nu\alpha\iota \pi\alpha[
[\pi(\epsilon\rhoi) ?] \tauо仑 \pi\rhoо́\sigmaк\lambda\etaто\nu \lambda\alpha\beta\epsilonî\nu \pi\alpha\rho\grave{\alpha \tauоv̂ \epsiloṅ\piו\tau\rhoó\piоv.}
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 1. 15 їє $\rho \in a$. $23 . \theta$ of $\sigma v \sigma \tau a \theta \eta v a l$ corr.

1-18. '. . . Proposed by Tiron also called Apollonius, senator.
Concerning the appointment of some one to invite the epistrategus to the festival.
Concerning the making of an advance from the senatorial funds for the posts of . . . Proposed by Septimius Horion also called Diogenes.

Concerning the urging of one of the nominees to offices to become steward of the games.

Concerning the urging of . . . son of . . . also called Heraclides to be gymnasiarch on Pharmouthi 29 ( -30 ?) for $\mathrm{I} \frac{1}{2}$ days, and the heirs of . . for $\frac{1}{2}$ (?) day, ... son of Dionysius
on Pachon ., Hierax son of Hermias on the 8th, ... on the 9th, Heliodorus on the roth, Dorion also called Plutarchus on the 1 ith and 12 th.

Concerning the postponement of the petition of the priests until the next meeting.
Concerning the petition of Didymus also called Eudaemon and . . . that in place of . . ., who was nominated and failed to serve as their colleague, Heracleon and Serenus, landowners at Sesphtha, should be urged to take office . . . and Hermophilus and Onnophris . . . in succession to . . ., now priest, and those who were nominated with him ... for (superintending) the festival, and the election of Serenus (?) . . . on condition that Heracleon should be bail for his appearance.

Concerning the election of a cosmetes (?) in place of Silvanus son of Anicetus for . . days.'
 against l. 4 serves apparently to emphasize the insertion of the name of the proposer, which seems to be omitted in the later sections. This Tiron is probably mentioned in 1515. 4.


 374. It is possible that a name is lost at the end of this line and 1.5.
 and 1501, which is concerned with a loan by a $\tau \operatorname{a\mu ias} \beta \operatorname{\beta ov\lambda }(\epsilon v \tau \iota \kappa \omega \nu) \chi \rho \eta(\mu a ́ \tau \omega \nu)$. The $\beta o v-$ $\lambda_{\text {eutiká, which are not mentioned elsewhere, seem to be a private fund of the senate, distinct }}$ from the $\pi$ oдıтıкòs $\lambda$ óyos administered by them, on which see Jouguet, op. cit. 416 .
 which cf. 1413. I, n.
5. $\dot{a} \gamma \omega \nu 0 \theta_{\epsilon}^{\prime} \eta \nu$ : this official, who is often met with in some of the provinces (Liebenam, Städteverwaltung, 542), is rarely mentioned in Egypt; but cf. 1284. 8-9, where the order
 1-3, n.), Dittenberger, Or. Gr. Inscr. ii. 713, where his office at Alexandria was combined with that of gymnasiarch (cf. $\epsilon i$ ás ápás here), P. Ryl. in7. i8.
6. After $\kappa \theta[$ at least one more day (i. e. $\lambda$, followed perhaps by Пaұळ̀ . .) must have been mentioned, if 1.7 refers to this date ; but that is far from certain. The occurrence of (Pachon) 8 in 1.8 would suit the view that the lacuna at the end of 11.6 and 7 extends to 30 or 40 letters, but at the end of 1.8 only one name is necessary before $t$, and though
 more than 20 letters is unlikely. Probably several of the early days of Pachon were omitted ; cf. 1413. 24, n. Gymnasiarchs only held office for a few days in the year, so that a large number of them was required; cf. 1418. i5, n.
8. H[: к[גךрovó $\mu$ ovs (cf. 1.7) is improbable.
10. Cf. 1414 . 18 and 1413. int.
 restored either in l. 15, in which case the liturgy in question was connected with the $\pi a v \eta \eta v p i s(1.2, \mathrm{n}$.), or in 1.12 , in which case it may have been different and eis тò . . . $\pi a \nu \dot{\eta} \gamma v \rho \iota \nu$ may depend on óvouac日(évras) in 1. 15. It is curious that so many names were apparently suggested, for there seems to have been only one defaulter ( $\tau[\hat{\omega}]_{\nu}$ cannot be read in l. 12), and only one substitute (auróv in 1. 17), with another person as surety. Possibly the persons mentioned in $11.1^{-1} 5$ were not coupled with Heracleon and Serenus.
13. $\Sigma^{\prime} \dot{\sigma} \phi \theta a$ (or $\Sigma^{\prime} \phi \theta a$, as in P. Hibeh $45^{.5}$ ) was in the lower toparchy (1285. 136), probably close to the Nile since a $\kappa \nu \beta \epsilon \rho \nu \eta \dot{\eta} \tau \eta$ in 1554.6 came from it, and a place of some size since in 1285 it paid more than any other village in its toparchy. The boundary
between the lower toparchy and the Heracleopolite nome was probably somewhere between Feshn and Fent, and nearly opposite Hibeh, which lies on the east bank. That town, perhaps identical with Hipponon (cf. P. Hibeh, p. Io), was in the Heracleopolite nome, but the papyri from its cemetery were mainly written either in the K $\omega$ í $\eta \mathrm{y}$ s toparchy of the Heracleopolite nome, or in the lower toparchy of the Oxyrhynchite. $\Psi \bar{v} \chi u s$ and Ta入an, two Heracleopolite villages often mentioned in them, and, as P. Hibeh 117.8 indicates, near each other, may well correspond to the modern $A b s u \hat{g}$ and Tala to the north-west of Feshn, in which case the Kwíns tȯos was the southern portion of the Heracleopolite nome. This is on the whole more probable than the view suggested in P. Hibeh, l.c., that it was all on the east bank, for unless the Nile has shifted its course since Roman times, there was hardly any cultivation on the east bank between Wasta and Fent. Tala, however, might be the Oxyrhynchite village of Tàa $\dot{\omega}$. Shenra, which is near the edge of the desert west of Fent, may be the Oxyrhynchite $\Sigma \iota v a p v$, often mentioned in the Hibeh papyri, and Talt, a little south-west of Tala might be another, $\Theta \bar{\omega} \lambda \theta \iota s$. The Ptolemaic papyri found in recent years at Gamhîd, between Shenra and Talt, are likely to throw more light on the question. Taкóva, another village in the lower toparchy, is stated by the Iterin. Anton. to have been twenty-four Roman miles from Oxyrhynchus. Since Sesphtha was in the 10 th pagus in the fourth century (P. Giessen 115), it was probably in the extreme north of the toparchy, of which other villages belonged to the 8th and 9 th pagi, i. e. further south in the direction of Maghâgha; cf. 1425. 4, n., and 1448. int. The boundary of the Oxyrhynchite and Heracleopolite nomes was perhaps slightly altered in Roman times, for 'A $\sigma \sigma{ }^{\prime} a$, which is found in a taxing-list of Heracleopolite villages in P. Hibeh p. 8, occurs in 1529 along with villages of the lower toparchy of the Oxyrhynchite nome, unless a different village is meant.
 [ $\nu$ ]uvei í $\rho^{\prime}$ éa in l. I5).



18. $\operatorname{\kappa a\sigma \mu \eta \tau (\eta } \nu)$ : concerning this office not much is known, and whether it was normally held for only a few days at a time like that of gymnasiarch (cf. ll. 6-9) is uncertain. кoo $\mu \eta$ -
 be retained; cf. 1.2 for the absence of an expressed subject of the infinitive. $\dot{\epsilon} \phi \dot{\eta}[\beta \omega \nu$ followed by a title, which would be the subject of $\dot{\eta} \rho \hat{\eta} \sigma \theta a u$, is less likely.
19. $\pi] \epsilon \pi o[\hat{\eta} \sigma] \theta(a \iota)$ does not seem the right verb if the genitive Ai $\mu \lambda \lambda \iota a \nu o v$ is correct, and there is hardly room for another letter besides $\pi(\epsilon \rho i)$ rov̂ in the lacuna. a can be read for $o$, and $\kappa$ or $\eta$ for $\iota$. $\dot{a} \pi \dot{\text { édacts }}$ means a sentence of a judge, but what rank Aemilianus Asclepiades held is uncertain, except that he was not praefect; cf.l. 29, n.
 a legal adviser, as in C. P. R. 18. 22-5 ( $=$ M. Chrest. 84) Bגaíros Mapıavòs . . . $\sigma v ı \lambda a \lambda \dot{\eta} \sigma a s$
 as in 34. iii. 3 (cf. Koschaker, Zeitschr. f. Savignyst. xxix. 15-19). In Byzantine papyri ขоцкќрьоs occurs in 136. 10, 154. 10, P. Iand. 45. I. The proximity of àmóфабь in l. 19 suggests the meaning 'lawyer' here, but 1.20 refers to an election to some office and may belong to a new section. The doubtful second $a$ of $\pi a \rho a[$ can be $\omega$, but l. 21 may well correspond to l. I7.

22-5. That these lines were connected with ll. 19-2 I seems improbable. They can


 vestiges would suit $\nu$ at least as well and can be $\gamma \cdot[$, and parallels for the phrases in 1.22
 \& [ can be read after $\dot{\eta} \mu \epsilon \rho a<[s]$ in place of the supposed $\rho$ at the end of the line above.
26. Possibly the supposed ( or $\rho$ ) belongs to l. 25, and the space between ll. 25 and 27 was blank. If there was a line there, it may well have been a heading, possibly a date ; cf. the next note.
27. This section seems to have begun somewhat differently from the rest, for, though $\pi(\epsilon \rho \hat{\imath})$ toû can be supplied, the word before $\tau \hat{\eta} s$ is not an infinitive. $\gamma v$. can be read for $\gamma \epsilon[$.$] .;$ the word shows no sign of having been abbreviated. A substantive to which i $\eta \mu o \tau \epsilon \lambda$ ins would apply is expected.
28. tov is written a little higher than the rest of the line and might be a marginal note (cf. 11. 1 and 4), but this line is more probably a new section than a continuation of 1. 27. $\pi \rho о ́ \sigma \kappa \lambda \eta \tau o \nu \lambda a \beta \epsilon i \nu$ seems to refer to receiving a judicial summons from the $\epsilon \pi i \tau \rho o \pi o s$, though $\pi \rho o ́ \sigma \kappa \lambda \eta \sigma \omega \nu$ (for which cf. Mitteis, Grundz. 16) would be expected. For trials before an
 interpret $\pi \rho o ́ \sigma \kappa \lambda \eta \tau o \nu$ here in the same sense as in 1412. $12 \pi \rho \frac{\sigma}{\sigma} \kappa \lambda \eta \tau o \nu \beta$ $\beta_{0} \lambda \eta \eta_{\nu}$.
 possible), but can be Jat кai. It is remarkable that only one Emperor is mentioned, though two were reigning if 1416 is contemporary with 1204 , which mentions the same praefect (Aelius) Publius (Aug. 19, 299). He came after Flavius Valerius Pompeianus, who was in office from October 287 (888. 6) to Sept. 15, 289 (1252. recto 28), and Aemilius Rusticianus, deputy-praefect in 298 (1469. 1), and before Clodius Culcianus, who held office from Feb. 28, 303 (71. 23) to May 29, 306 (1104. 10). Of the three other praefects assigned to this period by Cantarelli (Prefetti di Egitto, ii. 13-16), Sallustius (P. Amh. 137. 4) was shown by 1191 to belong to the 6th year of Probus ( $280-1$ ); Aurelius Antinoüs (B. G. U. 13.3) was not a praefect, but the $\pi(\rho a t) \pi\left(\delta^{\circ} \sigma \tau \tau s\right)$, or at any rate a subordinate,
 pillar at Alexandria (Dittenberger, Or. Gr. Inscr. ii. 718. 3), was probably our חoúßhıos, Salt having in fact read $\Pi O Y B \wedge I O C$ and Köhler חOYBAIOC. On the praefects preceding Valerius Pompeianus see 1456. ı, n.

## 1417. Report of a Trial concerning the Senate.

$$
21.8 \times 26.8 \mathrm{~cm} . \quad \text { Early fourth century }
$$

The trial reported in this fragment was an action before a strategus, brought by the senate of Oxyrhynchus through their $\sigma \dot{v} \nu \delta$ óкos (cf. 1413. I7, n.) against Nilus, probably Thonius (1.33), and perhaps other persons (cf. 1. 28), who had after election by the senate failed to perform the duties of eutheniarchs. A somewhat similar action before an $\epsilon \pi i \tau \rho o \pi o s$, brought by the senate of Hermopolis against gymnasiarchs, is mentioned in C. P. Herm. 53 (W. Cherest. 39) ; fragments of other trials in which the senate was represented by ov́voıco are extant in C. P. Herm. 23, 25-6. The office of eutheniarch, a magistrate responsible for the grain supply of Oxyrhynchus, was difficult to fill, and, as 1252 . verso shows, for some years before 289 it was in abeyance. In the present casc one of the persons nominated (Nilus ?) threatened to resign his property and appeal to the praefect, as not infrequently happened in connexion with the nomination to municipal
offices; cf. 1405, 1642, and C. P. R. 20. The judge, as might be expected, exhibited a desire to carry out the resolutions ( $\psi \eta \phi i \sigma \mu a \tau a$ ) of the senate (cf. 1l. 16, $23,28-3^{2}$ ) ; but the lines were of considerable length, though the writing is large, and are too incomplete to permit a reconstruction of the dialogue, which was chiefly between Nilus and the strategus. The papyrus probably belongs to the early part of the fourth century rather than to the end of the third; a date towards the middle of the fourth century, though palaeographically possible, is hardly compatible with the prominence of the strategus, for that office after the establishment of the logistes and defensor (cf. 1426. 3, 4, nn.), and praepositi of the pagi ( 1425.4, n.) rapidly waned in importance ; cf. 1430 and 1470 . intt.

Col. i.

] ó $\phi \epsilon i ́ \lambda o \mu \epsilon \nu$ $\sigma \nu \nu \in \delta \rho \in \hat{v}-$


5
[Xovта

10 $[\mu \nu \nu \dot{\eta} \gamma \epsilon \mu o ́ v \alpha$
[Kalov



Col. ii.
[. . . . . $\beta \alpha \sigma]_{\ell \lambda \iota \kappa[ }$
[. . . . . ] $] \underset{y}{\nu}$ каі̀ $\pi \rho \cdot$. [





рì $\gamma \nu \mu \nu \alpha \sigma \iota \alpha \rho \chi i ́ a s ~ \mu o ́ \nu o \nu ~ \delta \iota \epsilon \lambda \alpha ́ \lambda \eta \sigma \epsilon \nu ~ \tau \hat{\eta} \beta o v \lambda \hat{\eta}$ т[ $\epsilon \dot{u} \theta \eta \nu \iota \alpha \rho-$
${ }^{2} 5$ Xía . ò $\sigma \tau \rho \alpha \tau \eta \gamma o ̀ s ~ \epsilon i \pi \pi(\epsilon \nu)$. ov $\tau \alpha \nu \hat{v} \nu \pi \epsilon \rho \in i$ रv $\mu \nu \alpha \sigma \iota[\alpha \rho \chi i \alpha s \quad \delta \iota \alpha-$




 рís $\epsilon \tau \alpha \iota \tau \hat{Q} \tau \hat{\eta} s \beta o u \lambda \hat{\eta}[s] \psi \eta \phi i \sigma \mu \alpha \tau \iota \cdot\left[\quad \tau \hat{\eta} s X^{0-}\right.$ $\rho \eta \gamma i ́ \alpha s$ $\pi \alpha \rho \alpha ́ ~ \tau \iota \nu o s ~ \gamma \epsilon \iota \gamma \nu o \mu \epsilon ́ \nu \eta s$. [

 28. ひ̈ $\mu \epsilon \iota$ П. 30. l. $\boldsymbol{\epsilon} \pi \iota \kappa \tau \dot{\eta} \sigma \epsilon \tau a \iota$.
 the syndic (1.7).
3. $\delta\left[0{ }^{6}\right] y \mu a \tau \iota:$ cf. 1.27 and P. Fay. 20. 22, where the word is used by the Emperor (Julian?) for an edict, i. e. the papyrus in question. In 1417 it may refer to an edict of the praefect, who is mentioned just before l. 27 , while $\dot{\eta} \gamma \epsilon \mu$ о́vєs] каi є́тiтротоь is not unlikely in 1. 4, as e. g. in 237. vii. i4.
 to the nominators, and $\phi] u \lambda \dot{\eta}$ may be substituted for $\beta o j u \lambda \eta_{\dot{\eta}}$ (which may of course be dative); cf. 1413. 13 .

8-9. It is not clear whether Nilus or the strategus is the speaker ; but if $\dot{\epsilon} \pi \epsilon i$ in 1.9 is for $\epsilon \pi i$, as is probable (cf. l. $25 \pi \epsilon \rho \epsilon$ ), l. 9 suits Nilus, and ll. $11-13$, if there is no change

 On the other hand, if eívipuapxias depends on tò $\delta i[k a t o v, 1 l$. II-I3 at any rate are best assigned to the strategus, and it is he who refers to the praefect in Il. 26 and 29. If $\dot{\epsilon} \pi \epsilon i$ is retained, "'gooov might mean 'issue', not 'voyage', and the speaker be the strategus, but the instances of appeals to the praefect for release from liturgies (P. Amh. 82 and 1842. 21) favour the view that 1.9 refers to a voyage to Alexandria. The line drawn above 1 . 10 was perhaps intended to indicate deletion, as e. g. in 843.
 the senate ; cf. 1191, a regulation that appointments of $\epsilon \pi \tau \mu \epsilon \lambda \eta r a i$ by the senate should bear his signature. The letter after $\dot{v} \pi \epsilon^{\prime} \rho$ is either $\nu$ or $\pi$, and that before $v$ tov is apparently not $\tau$.

II-I3. Cf. ll. $8-9$, n. After $\tau \hat{\omega} \nu \sigma v \delta \delta i k \omega \nu$ a participle like $\pi \rho \sigma \sigma \phi \omega \nu \eta \sigma a ́ \nu \tau \nu$ is expected,
 or $\sigma$ and the fourth to be $\nu$, though whether any letter at all followed is very doubtful. $\dot{\eta} \gamma / \nu 0 \mid[\mu \epsilon ́ \nu \eta$ does not suit the context.


20. $\dot{i \pi o ́}[\mu] \nu \eta\left[\mu a\right.$ is unsuitable. At the end of the line a participle, possibly $\dot{a} \pi 0 \lambda \nu \theta^{\prime} \dot{v} \tau o s$ (cf. ll. 8-9, n.), is expected.
22. $\mu$ áт $\boldsymbol{\tau} \boldsymbol{v}$ : the fourth letter begins more like $\epsilon$ than $\eta$, but $\mu$ áteov for $\mu$ átatov cannot be read.
24. The subject of $\delta_{\iota \epsilon \lambda a} \lambda \eta \sigma \epsilon \nu$ is perhaps the praefect. On the combination of the offices of gymnasiarch and eutheniarch cf. 1418. 14, n.


 words are not quite certain, for it is not necessary to suppose that a letter is lost after $\mu \circ{ }^{\circ}$; but $\delta a \gamma\left[\nu \dot{\omega} \sigma \epsilon \tau a c\right.$ is inadmissible, $\theta$ being the only alternative to $\sigma$, and the omission of $\boldsymbol{\sigma}^{\boldsymbol{\alpha}} \delta_{1 a-}$ б $\eta \mu$ ótaтos $\dot{\eta} \gamma \epsilon \mu \dot{\omega} \nu$ would be unsatisfactory.
27. סó $\begin{aligned} & \text { ara : cf. 1. 3, n. }\end{aligned}$
30. Perhaps $\lambda \in \mathbb{C}[$ Tov $\rho \gamma \eta \mu a ́ \tau \omega \nu$ (cf. 1. 21 ); but $\lambda a$. [ can be read.
33. This line is lower than 1. 16, which corresponds to l. 320 and perhaps 11. 28-32 contained the concluding judgement of the strategus.

## 1418. Application to the Senate.

Fr. $1 \quad 30.6 \times 13.3 \mathrm{~cm}$.
A. D. 247.

On the recto of this papyrus is part of a Latin list of soldiers (1511). On the verso are the ends of lines of what must have been an interesting application to the senate through the prytanis from a certain Aurelius Pasion, who had combined the offices of gymnasiarch and eutheniarch, and apparently wished for some kind of relief in connexion with the gymnasiarchy of his youthful son ; but the initial lacunae, as is indicated by the certain restorations in l. I, probably exceeded 70 letters in $11.1-3$ and $9-13$, and 65 in the rest, so that hardly any connected sense is obtainable. The first thirteen lines seem to be mainly concerned with an account of the writer's services and the difficulties of his financial position, while 11. 14-30 are a complaint against a former prytanis, Asclepiades, with reference to the days on which the writer and his son had been or were to be in office. Asclepiades by his failure to fulfil his promises had apparently caused them to undertake more than had been agreed upon or was just. The details are for the most part obscure, but 1418 supplies some useful information about the length of tenure of municipal offices; cf. $1.15, \mathrm{n}$. It was written in Thoth (1.23) of the 5 th year (1.26) of the Philippi, as is shown by the mention of the praefect Valerius Firmus (l. 4, n.). A small detached fragment with the beginnings of four lines can belong to a second column. The papyrus is no doubt a draft or copy of the document actually sent to the senate.

Fr. 1.










 $\kappa \alpha] \theta \epsilon \sigma \tau \alpha ́ \nu \alpha \iota$, ن́ $\mu \epsilon ́ \tau \epsilon \rho \circ \nu{ }^{\epsilon} \epsilon \rho \gamma o \nu$ 白 $\sigma \tau i \nu \nu \nu \hat{\nu} \nu[\ldots .$.




 $\tau \epsilon \delta_{v ́ v a \sigma \theta \alpha \iota}$ [














Fr. 2.

$$
{ }^{1} \alpha \sigma\left[, \quad{ }^{2} \gamma \in \nu!\left[, \quad { } ^ { 3 } \text { oov } \underset { \sim } { X } \left[, \quad{ }^{4} \lambda \in \xi![\right.\right.\right.
$$

2. $\ddot{v} \mu \nu \nu$; so in ll. 13 and 22 . 3. a of ]. a $\nu$ corr. from $\iota$. 8. $\ddot{\pi}$ ח. 14. ov of $[a \sigma \kappa] \lambda \eta \pi a \Delta o o v$ corr. from $\eta . \quad 20$. as above the line. $\quad 23 . \delta \iota \mu \iota \rho 0[\nu$ corr.
 cf. 1274. I3, n.

3. Oìa入єрiov Фip $\mu$ иv: cf. 1466. 2 (May 2 1, 245), 1271. 6 (April 26 ?, 246), P. Amh. $7_{2}$ (June 16, 246), 720. I (Jan. 5, 247), P. Amh. 81. 5 (March 26, 247). The present mention (Sept. 247 ; cf. 1l. 23-5) is the latest ; cf. 1466. int.
4. ăpov: cf. 1409. 15, 1414. 4.
5. Possibly av̉ kaтà [ $\lambda$ ó $\gamma$ ov: cf. 1405. 23 oủk ả̀à $\lambda a ́ \gamma\langle o\rangle \nu$.
6. $\pi \lambda \eta \rho \omega]$ बiions; cf. l. 2 I. On the $\nu a v \kappa \lambda \eta p i a$, which became a liturgy, see 1412. 14, n.

7. For the combination of the offices of gymnasiarch and eutheniarch cf. 908, 1252. verso ii. $3^{2,1417 . ~} 24$.
 a year, though the holder was only ${ }_{\epsilon}$ vapapas for a few days in each year; cf. 1413. 17, n., 1410. int., and $11.2^{-8}$ below, where at least two consecutive years of office are implied (1. 26 ), and, if the $\pi \rho v \tau a v e i a$ in 1.27 refers to a preceding year, three or more.
 of five again, l. 28 perhaps referring back to l. 15 . This evidence (cf. also 1416. 6-9) is in accordance with that of the contemporary Hermopolis papyri ; cf. C. P. Herm. 57-62, and

8. For the initial restorations cf. II. 28 and 7.
 undertake for four months in a year (i. e. $\frac{1}{3}$ ) the responsibilities of gymnasiarch on behalf of his son; cf. Il. $23-5$, where there is a question of the division of three days between different months (in l. 22 they are consecutive). $\pi a \rho] a \delta$ é $\xi a \mu a t$ 'remit' seems less suitable.
9. $] \sigma \epsilon \tau \epsilon$ : or $] \sigma \epsilon \tau a[l]$.
 1416. 3 .
10. Perhaps $\pi a t] \delta i \omega ;$ cf. l. 5 .
11. Perhaps $\dot{i} \pi[\epsilon[\sigma \chi \in \tau 0$. Asclepiades seems to have undertaken certain days himself; cf. Il. 19-20 and 1252. verso ii. 18-21, where a prytanis becomes eutheniarch. avv $\delta \in \xi \alpha \dot{\mu} \mu \nu$ (cf. 1. 18, n.) can be restored before $\left.\dot{\eta} \mu \epsilon^{\rho} \rho a s ~ \tau \rho \epsilon і\right]$ ].
12. The line may have begun $[\tau \hat{\varphi} \tau \bar{\eta} s ~ \sigma v \gamma к о \mu \iota \delta \bar{\eta} s ~ к а \iota \rho \hat{\varphi}$ (cf. l. 25), and ended $a[\hat{v} \mid \tau a \hat{u}$.
13. $\epsilon[\dot{i}] \theta \eta \nu[l \mid[a \rho \chi i a s$ does not suit the vestiges at the end of the line, which may have concluded with a proper name, followed by $\pi$ puraveias; cf. 1.27.
14. Cf. I. $15, \mathrm{n}$.
15. aùrov̂ (or aúrov̂) is probably Asclepiades; but $\Theta \dot{\omega}[\theta$ can hardly refer to the 5 th year and be the month in which 1418 was written (cf. ]. 23), for the prytanis in 1. I was a different person.
16. Order from a Prytanis to a Tax-Collector.

$$
\mathrm{I} 6.8 \times \mathrm{I} 2.4 \mathrm{~cm} . \quad \text { A.D. } 265
$$

An order from a prytanis of the senate to a tax-collector called a $\pi \rho \alpha \alpha_{\kappa} \tau \omega \rho$ $\pi 0 \lambda \iota \tau \iota \kappa \hat{\nu} \nu$ (l. 2, n.), to pay the prytanis 1,500 drachmae credited by the taxcollector to another revenue official, and 300 drachmae required for military
supplies. The document was written by a clerk (across the fibres), and signed by the prytanis, who also added a line after 1. 5. Since the writing is not earlier than the middle of the third century, the I2th year in the date presumably refers to the reign of Gallienus (cf. 1407. int.) ; for though in the last year of Diocletian's reign instances occur of Maximian's year being ignored (895. 6 and P. Leipzig 84. vii ; cf. 1416. 29, n., and 1410. int.), there is no example of the omission of both Maximian's and the Caesars' years in a contemporary document. 1499, written in 309 , is very similar to 1419 ; but that the latter was dated by the Oxyrhynchite era beginning in 307 (cf. 1431.5, n.) and belongs to the year 319 is improbable, not only on palaeographical grounds but also because the sums mentioned are too small to suit the period of great depreciation of the coinage, and the financial powers of the prytanis were much circumscribed in the fourth century. The technical terms present several points of interest, especially as the evidence for the changes in the revenue administration caused by the establishment of senates in A.D. 202 is still scanty.

```
    \Pi(\alpha\rho\alphà) \tauо\hat{v}}\pi\rhov\tau\alphá\nu\epsilon\omegaS
        \Theta\omega\nuí\omega \pi\rho\alpháктор\iota \piо\lambda\iota\tau\iotaк(\omegaे\nu) \chi\alphaí(\rho\epsilon\iota\nu).
        \epsilon'\xio[\deltaí\alpha]\sigmaóv \muO< \dot{\alpha}\phi' \hat{\omega}\nu \alpha'\pi\etá\tau\eta\sigma\alpha,S
        \tau\epsilon[\lambda\omega]\nul\kappa(\hat{\omega}\nu)}\mp@subsup{\epsilon}{!}{\prime}\nu\tau\hat{\varphi
5 \mu\epsilon\tau\epsilon\betaá\lambdaov \delta\iota(\alphà) \delta\eta\muo\sigmaías \tauра\pi\epsiloń\epsilon(\etas)
    'O\pi\epsilonเváтopl ả\pial(\tau\eta\tau\hat{n}) \tau\imath(\mu\hat{s) \pivpov̂}
    (\delta\rho\alpha\chi\mu\grave{c}) 'A\phi, \alphá\lambda\lambda\grave{\alpha} к\alphai \alphä\lambda\lambda\alphas \epsilonis \lambdaó\gammaov
    \alpha}\nu\nu\omegá\nu\eta\s \lambda\in\gamma\iota\omega\nu\alpha\rhoí\omega
    \pi\epsilon\mu\phi0(\epsiloń\nu\tau\omegav) \grave{\alpha}\pi\grave{o} 'H\rho\alphaк[\lambda]\alphá}\mu[\mu]\omega\nuos \mu\epsilon\tau\alpha\grave{\alpha
```



```
10 í\xio\deltaía\sigmaov \tau[ì]s \delta\rhoax\muàs
                    xi\[i]as óктакобias.
```


'From the prytanis to Thonius, collector of city-dues, greeting. Pay me from the tax-farming contributions which you have exacted in the nome the $\mathbf{1}, 500$ drachmae which you credited through the public bank to Opinator, exactor of wheat equivalents, and further on account of the annona of the legionaries sent from Heraclammonos with Ischyrion, corn-collector, another 300 drachmae, making $\mathbf{1}, 800 \mathrm{dr}$. in all. (Signed) Pay the 1,800 drachmae. The 12 th year, Pauni 4.'
 both being collected in corn by a $\delta є \kappa \alpha \dot{\pi} \rho \omega \boldsymbol{\sigma} \frac{s}{}$ in a village, and P. Strassb. 45, where the



 Archiv，v．363，followed by Wilcken，Chrest．297．int．，connects these $\pi$ oגıtıкá with the $\dot{a} \sigma \tau \iota \kappa \dot{\nu} \nu$ and кшみŋтıкóv in P．Cairo Maspero 67060 （W．Chrest．297），regarding them as communal taxes，like Maspero．It is，however，very doubtful whether кшн $\boldsymbol{\tau} \boldsymbol{\tau} \kappa$ óv even in the Byzantine period ever meant a tax levied for the benefit of a village（i．e．public works）． That is certainly not the meaning of $\kappa \omega \mu \eta \tau \iota \kappa$ á in B．G．U． 802. xi． 23 （A．D． 42 ），P．Tebt． 340 （A．D．206）which is parallel to 1444 ，Ryl． 22 I． 29 （early 3rd cent．）к $\omega \mu \eta \tau \iota \kappa a ̀ ~ \delta \iota o \kappa \eta \sigma \epsilon \omega \omega$ ，and C．P．Herm． 120. recto iii． 12 （3rd cent．），where $\kappa \omega \mu \eta \tau \kappa \kappa \alpha$ are contrasted with $\mu \eta \tau \rho о \pi о \lambda \iota \tau \kappa \kappa \alpha$ （i．4）．In all those cases $\kappa \omega \mu \eta \tau \iota \kappa \alpha$ is a general expression for＇village－dues＇；cf．P．Tebt． 340．int．The same meaning will also suit көرךтькóv in P．Cairo 67060 ，and it is note－ worthy that $\delta \eta \mu o ́ \sigma \iota a$ ḋ $\sigma \tau \iota \kappa$ á in P．Cairo $67045^{-6}$（cf．P．Brit．Mus．1419． 439 à $\sigma \tau \iota \kappa(\hat{\omega} \nu)$ ＇Avtaiov）are in P．Cairo 67047 called inuóota simply，so that there is no need to refer
 explained in the light of P．Strassb． 45 and C．P．Herm． 120 as simply equivalent to $\mu \eta \tau \rho о \pi о \lambda \iota \tau \iota к a ́, i$ i．e．the ordinary State taxes of the metropolis，which in earlier times were often collected in villages（e．g．1283．4，1433．8，38）；and with regard to 1419 the fact that the $\pi \rho \dot{\kappa} \kappa \tau \omega \rho \pi \pi_{0 \lambda \iota \tau \iota \kappa \bar{\omega} \nu}$ was concerned with $\tau \epsilon \lambda \omega \nu \iota \kappa \dot{\alpha}(1.4$, n．）and paid them in the first
 was dealing with State，not with communal，taxes．For the separate existence of the latter there is in fact no very clear evidence：the results of Jouguet＇s investigation in Vie munic． $43^{2}$ sqq．are mainly negative，and even in C．P．Herm．Ior it is not certain that the $\varepsilon \in \xi \eta к о \nu \tau a ́ \delta \rho a \chi \mu o s ~ \mu \epsilon \rho \iota \sigma \mu o ́ s$ was paid to the $\pi$ одıтıкòs $\lambda o ́ y o s$. The metropoleis even before the third century had property of their own，called oikos $\pi \dot{d} \lambda \epsilon \omega s$ in P．Fay．87．5，$\tau \hat{\eta} s \pi_{0} \boldsymbol{\lambda}_{\epsilon \omega \omega}$ dóyos in 54．15，and after the establishment of senates we hear of land belonging to the
 works．This fund was at first administered by the senate through the prytanis，who in 55.4
 14；cf．1501．2）．After the establishment of the logistes at Oxyrhynchus in the reign of Diocletian or just after（cf．1426．3，n．）the $\pi$ тлıтıка́ were controlled by him and an imperial $\dot{\epsilon} \pi i \tau \rho o \pi o s$, to whon the prytanis had to apply before obtaining a grant for repairs of the public baths（ 1104 ；A．D．306）．From C．P．Herm． $92-3$（A．D．265－7）it appears that at Hermopolis the $\pi \boldsymbol{\pi} \iota \tau \iota \kappa \grave{s}$ 入óros supplied $\frac{1}{3}$ of the expenses of public works．At Oxyrhynchus

 $\tau \rho a ́ \pi \epsilon \zeta a$ there is considered by Preisigke and Wilcken（Grundz．167）to be the communal as opposed to the State bank（ $\delta \eta \mu \sigma \sigma i a$ тра́т $\zeta \zeta$ ），and the outgoings are supposed by them to have come from the city not the State funds．We think，however，that the contrast drawn by Wilcken between $\delta \eta \mu o \sigma_{\tau} \boldsymbol{o s}$ and $\pi$ тдıııкós is too sharp：certainly in 84 ，as the employment of both terms with reference to ${ }^{\text {en }} \rho$ pa shows，there is no essential incompatibility between them， and instead of regarding $\delta \eta \mu o \dot{\sigma} \iota o s$ there as used loosely（so Wilcken），we prefer to regard
 meaning＇of the city＇，without implying any reference to the commune as distinct from the
 issues a receipt for фópos $\pi \rho \circ \beta \dot{a} \neq \omega \nu$ ，which in earlier times was an ordinary State impost （Wilcken，Ost．i．286），and it is very unlikely that this tax was ever made over to the mo入ıтькòs $\lambda$ óyos in the sense in which that phrase is used in C．P．R．39．The senate became largely responsible in the third century for the collection of taxes through $\bar{\epsilon} \pi \mu \mu \lambda \lambda \eta \pi \alpha i$ and סєка́трютои（Jouguet，Vie mutic． 387 sqq．），and even in 55 and $1104 \pi$ o入ıтıкá may possibly have the sense found in 1444 and not refer to the city＇s own funds；cf．Jouguet，op．cit． 281



4. $\tau \epsilon[\lambda \omega] \nu \iota \kappa(\hat{\omega} \nu)$ : the traces of the second letter would also suit $\iota$, but $\tau \iota[\rho \omega] \nu \iota \kappa(\hat{\omega} \nu)$ is unsatisfactory, for the tail of a $\rho$, if there had been one, ought to have been visible, and though the $\chi \rho v \sigma o{ }^{\circ} \tau \tau \rho \omega \nu \omega \nu$ is often mentioned in fourth-century documents (cf. 1103. int.), the word $\tau \iota \rho \omega \nu \iota \kappa a ́$ is unattested in papyri. $\tau \epsilon[\lambda \omega] \nu \iota \kappa(\hat{\omega} \nu)$, moreover, is confirmed by the mention of an $\grave{i} \pi a \iota \tau \eta \tau \dot{\eta} s$; cf. an ostracon $a p$. Wilcken, Ost. i. 610 à $\pi a \iota \tau(\eta \tau \grave{\eta} s) \mu \epsilon \rho \iota \sigma(\mu \omega \nu) \dot{\epsilon} \nu \lambda(\epsilon \dot{\epsilon} \mu \mu a \tau o s)$ $\tau \in \lambda \omega \nu \iota \kappa \hat{\omega} \nu$. Here too the $\dot{a} \pi \pi u \tau \eta \tau \eta^{\prime} s$ may have been collecting arrears, which would account for his presence in connexion with taxes which were farmed and for his rank being apparently higher than that of $\pi \rho \alpha^{\prime} \kappa \tau \omega \rho$. During the earlier Roman period in the case of taxes collected directly àmaıचұтai are found interchanging with тра́кторєs (Wilcken, l.c.), and where taxes were farmed they are only known to come in when it was a question of arrears; but their position may have been altered by the middle of the third century ; cf. 1413. 29, where the senate appoints $\dot{a} \pi a \iota \tau \eta \tau a i$, and 1461 . I3. In Ost. i. $58 \mathrm{I}^{1}$ Wilcken in connexion with B. G. U. Io expressed a doubt whether $\tau \epsilon \lambda \omega \nu \iota \kappa a ́$ necessarily implies the farming of a tax; but in the present case there is no reason to suppose that the word is used loosely, for $\tau \iota \mu \eta \bar{\eta} \pi \nu \rho o \hat{v}$ in Ost. No. $15^{8} 7$ was collected by a $\tau \epsilon \lambda(\dot{\omega} \nu \eta s) \theta \eta \sigma(a v \rho o \hat{v}) i \epsilon \rho \hat{\omega}(\nu)$. What particular tax was meant by $\tau \iota \mu \dot{\eta} \pi v \rho o \hat{u}$ is uncertain, but probably the ordinary land-tax is referred to ; cf. the $\pi o \lambda \iota \tau \iota \kappa a ́$ in 1444 and P. Thead. $42.6,9$ (A.D. 312). In any case a State impost is probably meant ; cf. l. 2, n.
8. àmò 'Hpaк[ $\lambda]$ á $\mu[\mu] \omega \nu o s: ~ \kappa \dot{\omega} \mu \eta \boldsymbol{n}$ is probably to be supplied, but this is not known as a place-name, and was probably outside the Oxyrhynchite nome, like the place from which the soldiers in 1543. 4 came.

## III. OFFICIAL DOCUMENTS.

1420. Report of a Trial.
$16.2 \times 20.5 \mathrm{~cm}$.
About A. D. 129.
The recto of this papyrus contains some traces of obliterated second-century writing. On the verso is the concluding column of an account of a trial before the strategus Asclepiades, whose date is known from 1024. I. The contending parties were Heradion and Agathinus, and the dispute concerned the administration of some property of which they were, apparently, joint $\grave{\epsilon \pi i \tau \rho o \pi o \iota ~(l l . ~ 9-10, ~ n .) . ~}$ A final judgement was postponed by the strategus pending an examination of the accounts to be presented by the two parties.


$\lambda o ́ y o u s ~ к \alpha \tau \alpha \chi \omega \rho \iota \sigma \theta \hat{\eta} \nu \alpha \iota$, íva $\gamma \nu \omega \sigma \theta \hat{\eta}$ тiva $\mu$ '́v $\bar{\epsilon} \sigma \tau \iota \nu$ т $\alpha$









$$
\text { 3. ìva П. 5. } \omega \text { of } \chi \text { op } \eta \gamma เ \omega \nu \text { corr. from a. }
$$

' . . . has not yet been presented. Asclepiades, strategus, after consideration said, " It appears to be necessary that the accounts should first be presented, in order that it may be ascertained what has been left, what there is over, and what debts have been paid. I will then decide about the allowances, and, if there is anything required, judgement shall be given. Heradion said, I will present the accounts immediately; but it is not my fault that they have not been presented. Agathinus too, however, must join in presenting them, and until judgement is given I will not undertake the post (?) of guardian myself or in combination with Agathinus. The strategus ordered the whole amount to be accounted for. Read by me."'
${ }^{9-10}$. The construction is harsh, but there is little doubt about the reading $\lambda_{a \beta \prime}^{\prime} \sigma \theta(a)$,


 and $\epsilon$ or $\sigma$ was blank. The doubtful $\chi$ can be $\lambda$, and the next letter might be $a$. द̇murpómov
 guardianship rather than an official post, which would be less likely to be concerned with
 $\tau \omega َ \nu \bar{\epsilon} \pi \pi \tau \rho \dot{\sigma} \pi(\omega \nu)$.

## 1421. Order from a Strategus to Comarchs.

$$
\mathrm{II} \cdot 9 \times 9.2 \mathrm{~cm}
$$

Third century.
On the recto of this papyrus is part of a list of land-holders, written in the late second or early third century (1533). On the verso, written along the fibres, is a brief order from a strategus to the officials of two villages, situated in different toparchies but probably near each other ( $1.3, \mathrm{n}$.), concerning the embarkation of some acacia-wood belonging to the government (1.4, n.). P. S. I. 213 , an order to the $\pi \in \delta \delta o \phi u ́ \lambda a \kappa \epsilon s$ of Nesmimis to keep some chaff, is similar; cf. also the common orders for arrest, e. g. 1505-7.

$$
\Pi(\alpha \rho \grave{\alpha}) \tau 0 \hat{v} \sigma \tau \rho \alpha \tau \eta \gamma o \hat{v}
$$

$\kappa \omega \mu \alpha ́ \rho \chi \alpha \iota s$ каì $\delta \eta \mu о \sigma$ ióıs $\kappa \omega \mu \widehat{\omega} \nu$


```
    \tauò \xi[v]\\lambdao\nu \tauò \alphá\kappa\alphá\nu0\iota\nuo\nu \tauò к\epsilon-
```



```
[\pi\epsiloń}\mu\psi\alpha\tau\epsilon] \epsilon!!̣ [\tauò . . . . \pi]\rhoo0\mu\hat{\imath
[к\alphai \epsiloń\mu\beta\alphá\lambda\epsilon\sigma0\epsilon \alphaú\tauò] \epsiloni's \tauò \epsilon'\nu\tau\alphav̂-
[0\alpha \pi\alpha\rho\alpha\sigma\tau\alpha0\grave{\nu}\nu \delta\eta]\muó\sigma\iotao\nu \pi\lambdaоîo\nu.
[ ]
```

2. $\omega \nu$ of $\kappa \omega \mu \omega \nu$ corr. from $\eta$ s.
' From the strategus to the comarchs and officials of the villages of Taampemou and Seruphis. Send at once the acacia-wood which has been cut at Ionthis to the . . ferry, and put it on board the State boat which is stationed there.'
 specially meant, though the ס $\eta \mu o \sigma^{\sigma} \iota o$ would probably consist mainly of guards; cf. the Leipzig papyrus mentioned in 1465. 8, n.
3. Taampemou was in the eastern toparchy (1285.88); Seruphis was in the western (1285.71), and probably a place of considerable size, for it paid I,940 drachmae, i.e. much more than any other village in 1285, where only three villages paid over 1,000 dr. Since Oxyrhynchus itself was in or adjoined the western toparchy (1475.22, n.) and Taampemou was further east and probably near both the Nile (cf. 1. 6) and Seruphis (cf. 1545. 3, where it comes next to Seruphis), the modern village of $A$ shrûbah four miles east of Oxyrhynchus, is perhaps to be identified with Seruphis, and Tanbazah, between Ashrubah and Benimazâr, with Taampemou. The area of cultivation on the west bank is exceptionally broad in this part, and the eastern top. may have run north and south between Mataï and Tanbadi (near Maghâghah), which strongly suggests Ta $\pi \pi \epsilon \tau$ i, also in the eastern top. (612). On the west would be the western and probably part of the middle top. The order of the toparchies in 1285 is (I) upper (i. e. southern), (2) western, (3) eastern, (4) middle, (5) Thmoisepho, (6) lower (i. e. northern), and since the same order from south to north is traceable in the arrangement of the villages in pagi, which were substituted for toparchies in the fourth century ( $\mathrm{cf} .1425 .4, \mathrm{n}$.), probably the bulk of the middle top. was north of the western and eastern. That the eastern top. extended to the east bank of the Nile is improbable ; for behind Shêkh Fadl, which is opposite Beni-mazär, is the cemetery of Cynopolis (cf. Arch. Rep. 1902-3, p. 4). That town according to Ptolemy was on an island, but its site is fixed by a Graeco-Coptic-Arabic list of equivalents (Amélineau, Géogr. 396) at el-Kés, on the west bank about two miles south-east of Tanbaza. Ptolemy's account of the Cynopolite nome is not satisfactory, for $\mathrm{K} \dot{\omega}$, which he places west of Cynopolis and calls the metropolis of the nome, is not found in papyri or ostraca mentioning Cynopolite villages, and the Kwirns tónos was in the Heracleopolite nome, i.e. much further north (cf. 1416. 13, n.), while Tenis (Tehnah), which Ptolemy assigns to the Cynopolite nome, was really in the Hermopolite (cf. P. Ryl. 207 a. 13, n.). But his statement that Cynopolis was on an island is confirmed by its absence from the Itiner. Anton., indicating that it was off the main road, and the 'island' may well have been the bend of the Nile between Mataïand Abû Girgeh, if the Derwîsh canal corresponds to an ancient branch. The 'ferry' (1. 6) might then be over this canal, and all the land to the east of it would belong to the Cynopolite nome, which is likely to have also included the whole of the existing east bank between the Heracleopolite and Hermopolite nomes. That the 'ferry' was over the Bahr Yusuf is improbable, seeing that a village in the eastern toparchy is mentioned. In
P. S. I. So. 2 I Ta $a \pi \epsilon i o v$ is probably a misspelling or misreading of Taa $\boldsymbol{T} \boldsymbol{\epsilon} \mu о v$; cf. the spelling Ta $\boldsymbol{\mu} \boldsymbol{\epsilon} \mu \boldsymbol{\mu}$ in 1491. 13.
4. àкávelvov: cf. 1112, where fallen acacia-trees situated on embankments were sold by the government for 13 drachmae each and 1188, where in a similar connexion the price was 4 dr. each. Acacia-wood was used for houses, boats, water-wheels, \&c. ; cf. Reil, Beiträge, 72, P. Brit. Mus. 1 I77. 191.
5. 'ंv $\tau \hat{\eta}$ Eióv $\theta \epsilon \iota$ : no village of this name is known, unless it is identical with $\kappa \dot{\omega} \mu \mu \nu$
 Possibly 'Ióvers was a tótos at a village, especially as it has the article. 'Iov $\theta \omega \nu \nu(o s)$ (gen.) occurs as a personal name in P. Leipzig 99. ii. 6.
6. ̇̇кєī, äv $\nu$, or кát $\omega$, but not $\grave{\varepsilon} \nu \theta a \dot{d} \delta \epsilon$, would suit the lacuna.

7. The main document probably ended at $\pi \lambda o i o \nu$, but this line may have had '่ஏ $\eta \mu \epsilon \omega \sigma a \dot{\mu} \mu \eta \nu$ (cf. P. S. I. 2 I3.7) or a date.

## 1422. Letter of a Strategus.

$$
16.2 \times 6.4 \mathrm{~cm}
$$

About A. D. 128.
A short letter to Agathodaemon, an Oxyrhynchite strategus mentioned also in 1452. I, from the strategus of another nome (1. 3, n.) concerning an individual, whose arrest was required on the charge of harbouring a fugitive slave. Owing to the loss of the beginnings of lines a few points remain in doubt, but apparently the person wanted could not be found in the writer's nome ; cf. the declaration of riparii in 897, which probably corresponded to the reports of the local officials mentioned in 11. 9-II here. Other papyri concerning fugitive slaves are 1423, 1643, and P. Par. Io.

```
    [ ] €̀(\alphá\betao\mu\epsilon\nu) M\epsilon\chi(\epsiloni\rho) &\delta. (2nd hand) \pi\zeta.
3rd hand [.... \]\eta\mu\etá\tau\rholos \sigma\tau\rho\alpha\tau\eta\gammaòs
```



```
    [\sigma\tauра\tau\eta]\gamma\omegaि\iota 'O\xi{v\rhov\gamma\chiєí\tauov \tau\omegâ\iota
    5 [ ] ф\iota\lambda\tau\alphá\tau\omega\iota \chi\alphaí\rho\epsilon[[\nu.
    [.....] 'A\chi\iota\lambda\lambda\epsilonùs òv '̇\delta\tilde{\eta}\lambda\omega\sigma\alphas ['\epsilon้\nu.
```




```
    [\kappa\omega\muо\gamma\rho\alpha]\mu\mu\alpha\tau\epsilon\epsilon\omega\nu \tauov̂ v[0\muov̂
10 [\kappa\alpha\grave{ \tau\omegaิ\nu \tau\etâs \mu\eta]\tau\rhoо\pió\lambda\epsilon\omegas \gamma\rhoа\mu-}
```






1. $\zeta$ of $\pi \zeta$ over an expunction.
' Received on Mecheir 14. No. 87.
... Demetrius, strategus of the Gynaecopolite nome, to his dearest Agathodaemon, strategus of the Oxyrhynchite nome, greeting. . . . Achilleus, who, as you stated, was accused of harbouring a slave . . ., has been stated by both the village scribes of the nome and the scribes of the metropolis to be missing. I pray for your health . . . The 12 th year of the Emperor Caesar Trajanus Hadrianus Augustus, Tubi 20.

Tubi 24 (?).'

1. $\begin{gathered}\lambda \\ (\hat{a} \beta о \mu \epsilon \nu): ~ c f . ~ P . ~ T e b t . ~ 19 . ~ i n t . ~\end{gathered}$
2. The Lycopolite nome was much nearer than the Gynaecopolite (on which see 1380. $2 \mathrm{I}, \mathrm{n}$.) to the Oxyrhynchite nome, and $\Lambda v] \kappa о \pi о \lambda є i \tau \sigma$ would make 1.3 correspond to 1. 2 , if there the writer wrote a rather large $\Delta$ and the space before it was blank, as is possible ; but there is not room for $\sigma \tau \rho a-\mid$ at the end of 1.3 , so that 1.4 in any case corresponded to ll. 6 sqq., where the length of the initial lacuna is fixed by ll. 9-10. The remains of the letter before oподetrov consist of a long horizontal stroke coming below the line; this does not happen to occur elsewhere in 1422, but suits $\kappa$ very well.

3. For $i \pi o \delta o \chi \eta \eta_{s}$ cf. 1408. 23. $\delta o v i\{\lambda \omega v$ | (or $\delta o v ́ \lambda \omega \nu \mid$, followed by a number) is a possible, but less likely, division. A name, either that of the slave or his master ( $\sigma \hat{0}$ ? ), probably followed $\delta o u ́[$ $\lambda o v$.

4. $\gamma \rho \cdot \kappa()$ : or $\pi \cdot \kappa()$. The last letter is written above the line and the preceding one is more like $\sigma$ or $\gamma$ than $a$.
5. The year is restored from 1452. 14; cf. int.
6. The meaning of this addition is obscure. If $\kappa$ is right, the hand is probably different, and the note, if a date, may be due to a $\dot{i \pi \eta \rho^{\prime} \tau \eta s}$ (cf. 1409. 23). The date of the receipt of the letter is, however, given in l. I, being nearly three weeks later. (äpoupat) $\delta$
4 could be read and possibly assigned to the third hand, in which case there might be a reference to Achilleus' property and a word like єv̈ropo]s might be substituted in l. in for $\dot{a} \phi a \nu \dot{\eta}]$ s. But an addition by the third hand after the date is unlikely.

## 1423. Authorization for the Arrest of $A$ Slave.

$$
27.3 \times 11.4 \mathrm{~cm} .
$$

Fourth century.
A formal authorization, addressed by one officialis on the praefect's staff to another, for the arrest of the writer's slave, who had run away with some of his property ; cf. 1422 and 1643. The papyrus belongs to the middle or latter part

contubernalis concerning the search for and arrest of a debtor, is somewhat similar ; P. Brit. Mus. 233 (W. Chrest. 44) is a parallel ęvrodí on a different subject in A.D. 345 .

$$
\begin{aligned}
& \text { Флаоúlos] ' } A \mu \mu \omega \nu \hat{\alpha} s \text { ò } \phi \phi ı \kappa \iota a ́ \lambda l o s ~
\end{aligned}
$$

$$
\begin{aligned}
& \chi^{\alpha i ́ \rho \epsilon \iota \nu . ~ \epsilon ̇ \nu \tau \epsilon ́ \lambda \lambda о \mu a i ́ ~ \sigma o \iota ~}
\end{aligned}
$$

$$
\begin{aligned}
& \text { та каì є̇̀ 'E } \rho \mu \text { о̂̀ } \pi \text { ó̀ı } \delta \iota a \tau \rho i ́ \beta o \nu \tau \alpha
\end{aligned}
$$

$$
\begin{aligned}
& \delta i[a] \delta \eta \eta_{\sigma \alpha s} \delta^{\prime} \sigma \mu \mu \nu \alpha \dot{\alpha} \gamma a \gamma \epsilon i \nu
\end{aligned}
$$

$$
\begin{aligned}
& \nu a ̂ s ~ o ̉ \phi \phi ı к ı \alpha ́ \lambda l ı s ~ \tau \alpha ́ \xi \xi \in \omega s
\end{aligned}
$$

'Flavius Ammonas, officialis on the staff of the praefect of Egypt, to Flavius Dorotheus, officialis, greeting. I order and depute you to arrest my slave called Magnus, who has run away and is staying at Hermopolis and has carried off certain articles belonging to me, and to bring him as a prisoner together with the head-man of Sesphtha. This order is valid, and in answer to the formal question I gave my consent. I, Flavius Ammonas, officialis on the staff of the praefect of Egypt, have made this order.'
6. $\delta \rho \dot{a} \sigma a v \tau a$ is apparently a novel form of the aorist of $\delta \delta \delta \rho a \dot{\sigma} \kappa \epsilon \nu$, not from $\delta \rho a \hat{v}$. The only alternative to $\delta \rho$ is $\phi$, but $\phi u \gamma^{\prime} o v a$ cannot be read, and $\phi(\theta)$ áa avra is unsatisfactory. 9. $\delta_{[ }[a] \delta_{\eta} \dot{\sigma}$ : or $\delta_{1}\langle a\rangle \delta_{n} \dot{\sigma}$.
 Oxyrhynchite nome; cf. 1416. 13, n.
1424. Letter of a Centurio Princeps.

$$
25.5 \times 14.2 \mathrm{~cm} .
$$

About A. D. 318.
A letter from a centurio princeps ( 1.2, n.) to his brother Heras, asking him to obtain the release of a $\gamma \epsilon \omega \rho \gamma{ }^{\prime} s$, i. e. tenant, of the writer from the post of taxcollector to which he had been appointed; cf. P. Grenf. ii. 82. The papyrus
was found with 1425 and 1448 ，and Heras was no doubt the pracpositus of the 8th pagus，Aurelius Heras also called Dionysius，to whom $\mathbf{1 4 2 5}$ is addressed．

> Kvpíc $\mu \circ v \dot{\alpha} \delta \epsilon \lambda \phi \hat{\omega}$ ' $H_{\rho \hat{\alpha}}$
> ['A $\mu \mu \omega ́] \nu \iota o s($ éкатóvтарХоs) [ ] Xaípє $[\nu$.

> [ $\gamma] \rho \alpha ́ \mu \mu \alpha[\tau] \alpha$ $\gamma \epsilon \omega \rho \gamma$ ós $\mu \rho[u]$ т т $\gamma \chi^{\alpha} \nu \epsilon \epsilon$.
> 5 фクбi้ $\pi \rho \circ \beta \epsilon \beta \lambda \hat{\eta} \sigma \theta a \iota$ єis $\lambda \epsilon \iota$ тoupyía

$$
\begin{aligned}
& \dot{\alpha} \lambda \lambda \grave{\alpha} \mu \grave{\eta} \nu \kappa \alpha i ̀ ~ \tau o \hat{v} \text { 入olmov̂ } \mu \grave{\eta} \text { ध̇ } \pi \iota-
\end{aligned}
$$

$\mu \eta \delta^{\prime}$ єis étépas $\lambda \in i \tau o u p y i ́ a s ~ \pi \rho o-$
及á $\lambda \lambda \epsilon \sigma \theta \alpha \iota, \dot{\alpha} \lambda \lambda$ ’ ìva $\mu 0 \iota \mu \alpha \rho \tau v \rho \eta ́ \sigma \eta$
$\tau \grave{\alpha} \dot{u} \pi \grave{o} \tau \hat{\eta} s$ à $\gamma \alpha \theta \hat{\eta} s$ бov $\pi \rho \circ \alpha \iota \rho \in ́ \sigma \epsilon \omega s$

$$
\begin{aligned}
& \text { кúpıє } \dot{\alpha} \delta \epsilon \lambda \phi \in ́ \text {. }
\end{aligned}
$$

On the verso

 beginning of $\mu \nu v$ ）．
＇To my lord and brother Heras Ammonius，centurion，greeting．Ph ．．．，the bearer of my letter，is my tenant．He states that he has been appointed to a public office at the village of Dositheou，namely the collectorship of tunics and cloaks，but has not yet been entrusted with the collection．Accordingly use all your efforts，brother，to rescue him from the office，and also to give him your favourable consideration，thereby conferring a great favour upon me，and further not to allow in future the people of the village to injure him in other respects or appoint him to other offices，but let him testify to the benefits gained by your good will．I pray for your continued health，my lord and brother．（Addressed）To my lord and brother Heras from Ammonius，princeps．＇
 каіे $\pi р і \gamma к \iota \psi ~ \sigma \pi є і р а s ~ Ө \rho a ̨ к \hat{\omega} \nu$; in C. I. L. iii. 763I two centuriones principes occur in the same cohort ; cf. Domaszewski, Rangordnung, 56.
3. The first letter had a long tail, i. e. either $\iota, \rho, \phi$, or $\psi$.
6. $\Delta \omega \sigma \iota \theta^{\prime} \rho v$ : cf. 1425. 4, n.
7. $\sigma \tau \iota \alpha a \rho i \omega \nu$ каì $\pi a \lambda \lambda i \omega \nu$ : cf. 1448. int.

## 1425. Appointment of a Workman at Pelusium.

$13.8 \times 14.1 \mathrm{~cm}$.
A.D. $3^{18}$.

An official return, addressed to the praepositus of the 8th pagus (1. 4, n.), nominating a person to act as donkey-driver at Pelusium in connexion with the State transport service. Such returns were generally written by comarchs, e.g. 1254. I4 sqq., 1426, P. Amh. 139, Flor. 2, P. S. I. 219 (cf. 162. 2I), P. Brit. Mus. 1246-8; the present return is from a tesserarius (l. 5, n.).

```
            '\Upsilon\pi\alpha\tauí\alphas \tau\hat{\omega}\nu \delta\epsilon\sigma\piот\hat{\omega}\nu \dot{\eta}\mu\hat{\omega}\nu \Lambda\iota\kappa[l]\nu\nuío[v
            \Sigma\epsilon\beta\alpha\sigma\tauо仑̂ \tauò \epsilon к\alphai Kрí\sigma\piov \tauov̂ \epsiloṅ\pi\iotaфа\nu\epsilon\sigma\tau\alphá\tau[ov
            Kaí\sigma\alpha\rhoos \tauò a.
            A\dot{v}\eta\lambdaí\omega}\mp@subsup{}{\imath}{`}H\rho\underset{~}{\hat{a}}\tau\hat{\iota
                'O\xi[(v\rhov\gamma\chii\tauov)
```



```
            к\omegá\mu\etaS \Delta\omega\sigma\iota0\epsilońov \tauov̂ ú\piò \sigmaoì \piá\gammaov. \deltaí\deltao\mu\iota \tau\hat{Q i-}
```




```
            \epsiloń\nu\gamma\epsilon\gamma\rho\alpha\mu\mu\mu'िо\nu [o']\nu\tau\alpha \epsilonü\piо\rhoо\nu к\alphai \epsiloń\pi\iota\tau\etá-
            10 \delta\iotao\nu \pi\rhoòs \tau\etaे\nu \chi\rho\epsiloní\alpha\nu. 'Є゙\sigma\tau\iota \deltaढ̀
            A\dot{v}\rho\tilde{\eta}\lambda\iotaos `}\Omega\rho[0]!ฺ \Pi\alpha0\omegá0ov \alphá\piò \tau\hat{\eta}
            \alphau̇\tau\etâs к\omegá\mu[\eta]s.
            v̇\pi\alpha\tauías \tau\tilde{\eta}S[\pi\rhoок\iota\mu]\epsilońv\etas \Phi\alpha\rho\muо\hat{v}\mp@subsup{0}{\iota}{l}\iota\eta.
```



```
            15 'A\mu\mu\omega\nu\alphâs ['ॅ'\gamma\rho\alpha\psi\alpha] vi\pi(\epsiloǹ\rho) \mu\età \epsiloni\deltaóтos \gamma\rho\alphá\mu\mu\alpha\tau\alpha.
```



```
'In the consulship of our lords Licinius Augustus for the fifth time and Crispus the most illustrious Caesar for the first time. To Aurelius Heras also called Dionysius, praepositus of the eighth pagus of the Oxyrhynchite nome, from Aurelius Hatres son of Hieracion, tesserarius of the village of Dositheou in the pagus under your charge. I present
```

at my own risk in relief of the donkey-driver at Pelusium in place of the one now there the person below written, who is a man of means and suitable for the duty, namely Aurelius Horus son of Pathotes, of the said village. In the consulship aforesaid, Pharmouthi 18. I, Aurelius Hatres, presented this. I, Aurelius Ammonas, wrote for him as he is illiterate.'
4. Av̉p $\lambda \lambda i \omega$ "H $\rho a ̣$ : cf. 1424. int.
$\eta \pi d \dot{\gamma}(o v)$ : the arrangement of villages by pagi instead of toparchies (cf. 1285) was introduced by 310 ; cf. Gelzer, Studien, 57. Dositheou (1. 6), which was in the lower toparchy, occurs with Teïs, Paomis, Palosis, and Kesmouchis, which were all in the Thmoisepho top., in a list of villages of the 8th pagus in P. Giessen II5, and the same five villages are grouped together in 1448 along with Souis, which was in the lower top., Tholthis (either that in the lower top. or that in the Thmoisepho top.), and several apparently smaller villages, all of which are likely to have been in the 8th pagus. The Giessen papyrus assigns Iseum Tryphonos, which was in the lower top., Psobthis (probably that in the lower top.), and three other villages, of which the names are imperfectly preserved, to the 9th pagus, and Sesphtha (also in the lower top.) to the roth. Nigrou and Sadalou, both in the upper top., were in the 2nd pagus (1426. 6-7) ; Lile (67. 5), Sarapionos Chaeremonos (1190. 19, where no correction of the text is required), Taampemou (901. 4), and Phoboou (1041. 4), all villages of the eastern top., were in the 5th pagus. Paneui, which was in the western top., perhaps belonged to the 3 rd pagus (1559. 9). There were six toparchies in the Oxyrhynchite nome, and, as far as the evidence goes, the numbering of the pagi seems to correspond with the order of the toparchies in 1285, which begin with the upper and end with the lower (cf. 1421. 3, n.), so that the villages of the western top. may well have belonged to the 3 rd and $4^{\text {th }}$ pagi, and those of the middle top. to the 6 th and 7 th, while the ist pagus was presumably part of the former upper top., like the 2 nd. It is probable, but not certain, that the Oxyrhynchite nome had only ten pagi ; the Hermopolite nome, which was larger, had apparently seventeen (cf. P. Flor. 7 I. 7 I where $\iota \xi$ tázov occurs, but the figures in 11. 69-7I are not in the right order, and P. Cairo Preisigke 46. 14).
5. tє $\sigma \sigma a(\rho)$ apiov: for military tesserarii at Oxyrhynchus cf. 43. ii. 2 I. In 1430. 4 a tesserarius of a village takes precedence of comarchs, but in P. Goodsp. 12. 6 a кovaôpápıos, who seems to be identical with our $\tau \epsilon \sigma \sigma a \rho a ́ p ı o s, ~ i s ~ m e n t i o n e d ~ a f t e r ~ a n ~ ধ ै \phi o p o s ~ a n d ~ c o m a r c h s . ~$ The village tesserarii bear Egyptian names, and are perhaps different from the military ones, though the tesserarius was not a very high officer, ranking below the signifer and optio; cf. Domaszewski, Rangordnung, 43. Preisigke's S. B. 2267 is a similar return by a $\left.\lambda_{\eta}\right]^{\top} \sigma \tau \sigma \pi t a \sigma \tau \eta$ !́s.

1426. Appointment of a Workman on Trajan's River.

$$
26.3 \times 8.7 \mathrm{~cm} . \quad \text { A. D. } 332
$$

A return, similar to 1425 , addressed by the comarchs (cf. 1425. int.) of two villages in the 2nd pagus (cf. 1425. 4, n.) to an interesting collocation of officials (ll. 3-4, nn.) who had taken the place of the strategus and basilicogrammatcus. At the end only the date giving the month and the signatures are missing; cí. 1425. ${ }^{3} 3^{-1} 5$. The workman nominated was required for repairs of Trajan's river, which connected Babylon with the Gulf of Suez.
 14. $\epsilon \gamma^{\prime} \gamma \nu \omega \mu \epsilon \theta$ П.
'In the consulship of Ulpius Pacatianus, the most illustrious praefect, and Maecilius Hilarianus. To Flavius Hermias, logistes, and Aurelius Achillion, defensor, and Ptolemius, scribe, of the Oxyrhynchite nome, from Aurelius Heras son of S . . ., comarch of Sadalou, and Aurelius Philistius son of Dionysius, comarch of Nigrou, in the and pagus. We present at our own risk the workman apportioned to our villages out of those to be sent to Trajan's river, on the understanding that he is to make the journey and fill the post without deserting it before he is discharged, and we are sureties of our own free will for his performance of the duties to complete satisfaction. His name is Aurelius Hatres son of Fabulus, of the village of Nigrou, aged about . . years. . . .
 given variously by Athanasius as Papinius Pacatianus and Fabius Pacatianus; cf. Liebenam, Fasti consulares, 35 . Oivviou is a less satisfactory reading.
3. $\lambda_{0}$ бб $\boldsymbol{\eta}$ : the earliest mention of a logistes (=curator ; cf. P. Leipzig 40. ii. 8) at Oxyrhynchus is in a.d. 305 (895.3), the latest in 363 (1116. 3). At Heracleopolis a logistes occurs in 288 , if the lost B. G. U. 028 is rightly assigned to that year; but the reading and correction of the date there are uncertain. Wilcken (Chrest. 80), following Mommsen, considers him to be not, as the curator was in earlier centuries, an extraordinary
magistrate belonging to the central administration, but a permanent municipalofficer appointed by the senate. We do not, however, think that that view suits 1104, where a $\lambda$ doyıarís
 $2, \mathrm{n}$.), or the other evidence concerning Egyptian doyıбтai ; and that they were officials of the central government appointed from outside seems more probable for the fourth century. Later they may have been appointed by the senate ; cf. P. Flor. 352. 2 (fifth century) $\pi 0 \lambda_{1}-$
 strategus; cf. Jouguet, Vie munic. 463. For another instance of a nomination addressed to him see 1116, written by a ovorátクs. In earlier times such nominations were sent to the strategus, e. g. 1254.

 902. 1, n. He here ranks below the logistes (curator), with whom he is not elsewhere associated in Egyptian texts.
 The $\gamma_{\rho \rho(\mu \mu a \tau \epsilon \nu s) ~ o f ~ t h e ~ n o m e ~(t h o u g h ~ t h e ~ p a p y r u s ~ i s ~ d a m a g e d, ~ t h e r e ~ i s ~ l i t t l e ~ d o u b t ~ a b o u t ~}^{\text {( }}$ the reading) seems to correspond to the $\beta$ actiıòs $\gamma \rho a \mu \mu a \tau \epsilon$ ís of former centuries, but has not occurred previously in fourth-century papyri.

 likely to be identical, rather than a canal in the Oxyrhynchite nome, as supposed by the edd.

## 1427. Order to Worimen on Delta Embankments.

$$
5.1 \times 6.5 \mathrm{~cm} . \quad \text { Third century. }
$$

The recto of this papyrus, which is incomplete at the bottom, is blank. On the verso is a short order from a scribe of diggers employed by the government in repairing canals to work for fifteen days on the river Talu, which according to Ptolemy diverged from the main western branch at Hermopolis Parva (Damanhîur) and issued at the Bolbitine mouth. Kore (l. I) is likely to have been a village in that part of Egypt. The work in question was paid for (11. 4-5), and is to be distinguished from the corvée for working at canals, on which see 1409. The handwriting is small and very cursive with numerous abbreviations, some of which are obscure. The 3 rd year in the date (1.6) refers to a third-century reign, probably not later than that of Valerian and Gallienus.

 $\chi \alpha i \rho \epsilon \iota \nu . \quad \sigma v \nu \epsilon \chi(\hat{\omega} s ?) \nu \alpha v \underline{\beta}(i \omega \nu) \mu \alpha ́ \lambda \iota \iota \sigma \tau \alpha$ лò $\kappa \epsilon\left(\phi \alpha ́ \lambda \alpha \iota \nu\right.$ ? $\left.{ }^{〔}\right)$

5 фópov ̀̀ $\mu \epsilon \rho \hat{\omega} \nu \delta \epsilon \kappa \alpha ́ \pi \epsilon \nu \tau \epsilon, / \iota \epsilon$.

(є̌тоus) $\gamma$ Паиิขı кร.
4. 1. є’ $\rho \gamma a ́ \sigma a \sigma \theta \epsilon$ ? v̈ $\delta a \sigma \iota$ П.
'Aurelius Tithoëtion, scribe of the river-workmen of Kore, through me, Melas, his friend, to his colleague and the river-workmen, greeting. By continuous labour dig the whole amount of naubia in the waters of Talu at the customary rate of payment for fifteen days, total 15 . The 3rd year, Pauni 26.'
 reading here is not certain and $\pi(o)_{r(a \mu i \tau a u s)}$ in 1.2 is even more doubtful. The first letter is more like $\pi$ than $\gamma \rho$, but the supposed $r$ may in both places be a stroke representing abbreviation.
2. $\sigma v \nu \gamma \rho a(\mu \mu a \tau \epsilon \dot{v} \nu v \tau 1)$ : the flourish representing $a$ is written somewhat differently from that in $\gamma \rho a(\mu \mu a \tau \epsilon \dot{s})$ in 1. I, and the first letter might be $a$ instead of $\sigma$; but no proper name suggests itself, and the reading adopted gives an appropriate sense. $\sigma v \gamma \gamma \rho a \mu \mu a \tau \epsilon \dot{\epsilon} \epsilon \nu$ is apparently not found elsewhere.

3-4. If $\nu a v \beta(\quad)$ is right, the scribe has run the av together, as not infrequently happens in the cursive writing of this century ; cf. 1410. $\mathbf{1}-2,10$, nn., and 1475. int. The vaíkıov at this period was a cube of 1 छv́dov or 3 royal cubits ( 669 and 1053. intt.), and digging 5 vaúßıa perhaps constituted an average day's work (Milne, Theban Ost. p. 146), but receipts for much smaller amounts of vaúßıa are also common. Though the supposed $\epsilon$ at the end of the line may be nothing more than a stroke over the $\kappa$, it is not satisfactory to connect $\bar{\kappa}$ with $\nu a v \beta(\quad)$; for 20 naubia are too small an amount for fifteen days' work by at least two persons, and more probably a considerable number (1.2), and $\tau 0$ would then be left unaccounted for, $\tau \bar{\kappa}$, i. e. $3^{20}$, being inadmissible. The construction of $\bar{\epsilon} \rho \boldsymbol{j}^{\prime} \sigma a \sigma \theta a t$ is not clear. If it is an infinitive, the only place for the main verb would be $\sigma v \nu \epsilon \chi(\epsilon \tau \epsilon)$ or $-\chi(\epsilon \sigma \theta \epsilon)$, which does not combine suitably with the following words, whether $\dot{\epsilon} \rho \gamma \dot{\cos } \boldsymbol{\sigma} a \sigma \theta a t$ depends on it or on e. g. $\kappa \epsilon(\kappa \kappa \lambda \epsilon v \sigma \mu \epsilon \nu \nu \nu)$; hence we prefer to regard $-\theta a \iota$ as a misspelling of $-\theta \epsilon$. $\mu a ́ \lambda \iota \sigma \tau a$ is also not quite certain, the third letter possibly being $\gamma$ or $\tau$. $\mu$ ध́ $\gamma \iota \sigma \pi a$ however, which seems to be the only alternative, does not suit the context, though the vaíßıov varied in size, being $\frac{1}{3}$ smaller in Ptolemaic times than in late Roman (Jouguet, P. Lille I. int.).

## 1428. Letter of a Praeses (?) to an Exactor.

$$
24 \times 21 \cdot 3 \mathrm{~cm} . \quad \text { Fourth century }
$$

A letter from Nicon, a high official, to the exactor of the Oxyrhynchite nome, ordering him to help in expediting the manufacture of clothing required by the State, for which cf. 1414. int. and 1448 . On the office of exactor, which is first mentioned in the fourth century and was sometimes identified with that
 Pauly-Wissowa, Realencycl. vi. 1542 sqq., Gelzer, Studien, 50 sqq., Wilcken, Grundz. 229. In the present text, as often elsewhere, he seems to be concerned with the collection of arrears ; cf. 1. 2, n. The fact that Nicon sends an officialis (1. I2; cf. P. Leipzig 64. I5), and speaks of a centurion as a subordinate (11. 7-8) and of Alexandria as if he were not there himself (11. 3-4), combined with the general resemblance to P. Leipzig 64, strongly suggests that he was a pracses of the province Herculia or, as it was called after 34 I (cf. 1559. 8 and Gelzer, op. cit. 3 sqq.), Augustamnica, the head-quarters of which are likely to have been
at Memphis or Babylon. The script is a large clear cursive, probably of about the middle of the fourth century ; the document was apparently a copy made by a clerk, but signed by Nicon himself.

$$
\begin{aligned}
& \text { ' } A(\nu \tau \text { ' } \gamma \rho \alpha \phi \circ \nu) \text {. }
\end{aligned}
$$

$$
\begin{aligned}
& {[\lambda \iota o] \nu \text {. (2nd hand) '̇ } \rho \rho \hat{\omega} \sigma \theta[\alpha \iota \quad \sigma] \epsilon \epsilon \mathcal{U} \chi о \mu \alpha \iota \text {. }}
\end{aligned}
$$

5. Second $\nu$ of $\epsilon \nu \epsilon \delta \rho a \nu$ corr. from s. 9. $\ddot{\pi \epsilon v \theta v \nu o u s ~ \Pi . ~ г о . ~} ̈ ф а \sigma \mu a \sigma \iota \nu$ П. 12. a of oффıк⿺a[ $\lambda \iota o] \nu$ corr. from o.
'Copy. . . . s Nicon to the exactor of the Oxyrhynchite nome, greeting. It has come to my knowledge that Ptolemaeus, the collector of linen, has gone to Alexandria. So to prevent any deception from occurring in connexion with the completion (?) of the weaving of the said linen, take care to provide Sarapion the centurion with the assistance assigned to your division, and with the services of Antonius the officialis, in order that the persons responsible may be compelled to manufacture the clothing in irreproachable (?) materials, until the aforesaid Ptolemaeus comes. For this reason I have sent the aforesaid officialis. I pray for your health.'
6. àvtíypaфov is abbreviated $a /$, as here, in 1470. 8 ; cf. e. g. B. G.U. ro73. x.
7. . . .]s: there is barely room for even 「áto]s, if this line was uniform with those following ; but it may have projected by three or four letters.

 Late in the fourth century two or more exactores are found acting together; cf. P. Leipzig 62. i. 9 and Flor. 95.60 . Gelzer, followed by Wilcken, regards these as a quite different and much lower grade of officials, on the level of лра́ктореs, but the evidence for that is inconclusive. If the exactores came in towards the end of the process of tax-collecting and were specially concerned with arrears, as Seeck supposed, the smallness of the sums collected by them as compared with those collected by ímoঠ́кктà in P. Leipzig 62 would be explained, and 1428 rather supports Seeck's view, which Gelzer and Wilcken reject. Concerning B. G. U. 1027 . xxvi. Io (late fourth century), where '́'Gákropєs rank above $\pi \rho o ́ \epsilon \delta \rho o \iota$ and seem to be just as important as in the earlier P. Leipzig 64 or 1428, Wilcken (Grimiz. 229²) is
disposed to abandon his former explanation ( $a p$. Gelzer, op. cit. 50 ) that $\epsilon$ ' $\xi$ áкторєs of different years are meant. Griech. Texte 18 is too incomplete to show the character of the ${ }^{\prime} \xi \dot{\xi} \dot{\kappa} \kappa(\tau \omega \rho)$.

 correctly than Nicon, with ör $\tau$ and the indicative.
 бítov, 1413. ${ }^{2} 5 \dot{\epsilon} \pi$. $\chi \rho v \sigma o \hat{v} \sigma \tau \epsilon \phi$ ávov, and 1412. int.
 not attested, suits the size of the lacuna much better than $[\lambda \iota \nu] \nu \phi \eta_{\nu}$ (also unattested) or $[\sigma v \nu] u \phi \eta^{\prime} \nu$.
$9-10$. $\dot{a} v \epsilon \pi[\kappa \lambda \lambda \bar{\eta}]$ rots: $\epsilon$ can be read for $a$ and $\pi$ or $\gamma$ for $\tau$, while the last letter is more
 suitable word. The second toos may be a dittography.

## 1429. Letter of a Lessee of the Alum-Monopoly.

$$
5 \cdot 5 \times 6.6 \mathrm{~cm}
$$

A.D. 300.

A short letter in the reign of Diocletian from a lessee of the alum-monopoly, probably at Oxyrhynchus, to one of his agents, announcing the dispatch of some alum and nasturtium-powder. Concerning the alum-monopoly the only evidence hitherto has been B. G. U. 697 (W. Chrest. 321), an acknowledgement by $\grave{\epsilon} \pi \iota-$ т $\eta \rho \eta \tau a i ́$ at Arsinoë of the receipt of alum transported from the Small Oasis, upon which they paid the octroi duty and carriage. 1429 confirms Wilcken's interpretation of B. G. U. 697 and throws some light on the nature of the monopoly; cf. ll. I-2, n.

$\sigma \tau v \pi \tau \eta \rho i ́ \alpha s$ ठı' $\epsilon \mu о \hat{v} K \alpha \iota \sigma \alpha \rho i ́ o v$ $\gamma \rho \alpha(\mu \mu \alpha \tau \epsilon ́ \omega \varsigma) A \dot{v} \rho \eta \lambda i ́ \omega \quad$ 'I $\sigma \grave{\alpha} \kappa \quad \chi \iota(\rho \iota \sigma \tau \hat{n}) \chi^{\alpha} \dot{\prime}(\rho \epsilon \iota \nu)$. $\quad{ }^{\prime} \pi \pi \epsilon \mu-$ $\psi \alpha ́ ~ \sigma o \iota ~ \sigma \tau v \pi \tau т \eta i ́ \alpha \nu ~ \mu i ́ \alpha \nu ~ ' I \tau(\alpha \lambda \iota \kappa \eta ̀ \nu) ~ \delta \iota(\alpha ̀)$
$5{ }^{\prime} I \sigma \iota \delta \omega \rho \circ v, \kappa \alpha \rho \delta \alpha ́ \mu о v \quad$ о(v) $)$ (кías) $\beta$ (кєра́тьа ?) $\eta$.
 $T \hat{v} \beta \iota \kappa \eta$.

'Aurelius Macrobius, lessee of the administration of alum, through me, Caesarius, clerk, to Aurelius Isaac, agent, greeting. I have sent you one Italian pound of alum through Isidorus, and 2 ounces, 8 carats of nasturtium-powder. The 16 th, 15 th, and 8 th year, Tubi 28.'

1-2. $\mu \tau \sigma \theta \omega \tau(\dot{\eta}) \dot{a} \sigma \chi o \lambda(\dot{\eta} \mu a \tau o s) \sigma \tau u \pi \tau \eta \rho i a s: ~ c f . ~ 977, ~ a ~ r e c e i p t ~ o f ~ t h e ~ \phi o ́ \rho o s ~ o f ~ a n ~ \dot{\alpha} \sigma \chi o ́ \lambda \eta \mu a$ which was clearly parallel to, possibly even identical with, that mentioned here, P. Fay. 93.


## 1429. LETTER OF A LESSEE OF THE ALUM-MONOPOLY 85

and Wilcken, Grundz. 257. The use of the word ${ }^{\boldsymbol{a}} \sigma \chi^{\circ}{ }^{\circ} \lambda(\eta \mu a)$ is consistent with the view that Macrobius was engaged in the production as well as the sale of the alum,
 $\dot{d} \sigma \chi^{0} \lambda o v ́ \mu \in \nu \Delta \iota$ means the tax-farmers, and in P. Grenf. ii. 46 (cf. Wilcken, Archiv, v. 282) the $\dot{a} \sigma \chi 0 \lambda о \dot{\prime} \mu \epsilon \nu$ оs тò $\gamma \rho a \phi \epsilon i o \nu$ (cf. P. Tebt. 524) apparently corresponds to the $\delta \eta \mu \sigma \sigma \iota \hat{\omega} \nu a \iota$ of the

 and in B. G. U. I202. 4 a topogrammateus speaks of the $\lambda$ óyos of his da $\boldsymbol{\sigma}_{0} \boldsymbol{\lambda} \boldsymbol{\lambda i a}$, i. e. office, so that the word is not confined to the farming of revenues ; cf. Wilcken, Ost. i. 388. On the use of alum in antiquity see Wiedemann, Herodots zweites Buch, 610; to judge by its association with кápoa $\quad$ ov, it was here probably going to be used for medical purposes rather than dyeing (467. 7).
 for $\lambda_{\text {itpaı }}$ 'Iraגıкаí cf. e. g. 43. recto iii. ı3, P. Leipzig 84. vii. ıо. In B. G. U. 697 alum is measured by talents.
 that for кєคárıa in later Byzantine papyri, and is not in the least like the abbreviation of


## 1430. Payment for Maintenance of a Public Bath.

$$
24.8 \times 9.2 \mathrm{~cm} . \quad \text { A.D. } 3^{24}
$$

An acknowledgement, similar in character to 84 (A.D. 3I6), addressed to a strategus by village-officials, of the receipt of 12 talents 4,575 drachmae for charcoal supplied by them to the public bath of Oxyrhynchus. Payment was made as the equivalent partly of tow, a common article of commerce in the Byzantine period (cf. P. Giessen 103. II, n.), partly of fine gold, of which $10 \frac{1}{2}$ रра́ $\mu$ ата were valued at 7 talents 3,720 drachmae. The solidus of Constantine and his successors, being $\frac{1}{72}$ of a pound, weighed $+\gamma \rho a ́ \mu \mu a \tau a$ (cf. P. Leipzig 62. ii. 31, Flor. 95. 10), and $10 \frac{1}{2} \gamma \rho$. thus $=$ a little over $2 \frac{1}{2}$ solidi. In the nearly contemporary papyrus 1653. 22-3 (A.D. 306 ) $5^{8} \gamma \rho$. are equated to 12 óлокótıva (aurei), but the gold in the case of 1653 may have been impure, and the aurei of Diocletian, which were $\frac{1}{50}$ or $\frac{1}{60}$ of a pound, were somewhat larger than the solidi of Constantine. The ratio between the value of gold and billon in 1430, in which about 3 talents = I solidus, is not nearly so high as in four Hermopolite papyri of the fourth century (Wessely, Ein Altersindizium im Philogelos, $4 \mathrm{I}-2$ ), in which a solidus is valued at $36,100,120$, and $183 \frac{1}{3}$ talents; but it is much higher than the ratio fixed by Diocletian in his edict concerning the maximum tariff (cf. Babelon, Traité de monnaies, i. 6II), where a denarius is reckoned as $\frac{1}{50000}$ of a $\lambda i ́ \tau \rho a$ of gold, so that only about 2,764 drachmae would be the worth of the metal in a Constantinian solidus. The fall in the value of the billon tetradrachm or denarius, which ceased to be coined in Egypt after 297 (Wilcken, Grundz. lxvi), was greatly accelerated in the reign of Constantine;
cf. 1431 . int. and 1223. 32, where a solidus is valued as high as $2,020 \mu v p$ áó $\bar{\epsilon}$ ( $13,466 \frac{2}{3}$ talents) near the end of the fourth century.

1430 was written during the civil war between Licinius and Constantine, when the names of the consuls were in doubt (1. r, n.). The waning power of the strategus is shown by his being addressed like the praepositus of a pagus (1. 2, n.). The scribe of the body of the document was rather careless, mistakes, especially of omission, being frequent.


$\pi \alpha \rho \alpha ̀ ~ ' O \nu \nu \omega ́ \phi \iota \sigma o s ~ \Pi \epsilon к и ́ \sigma \iota o s ~$
$\tau \epsilon \sigma \alpha \lambda \alpha$ íov каı̀ Патаŋ́ $\sigma$ os TaX-

$\kappa\langle\omega \mu\rangle \alpha ́ \rho \chi \omega \nu, \tau \omega ิ \nu \pi \alpha ́ \nu \tau \omega \nu \kappa\langle\bar{\omega}\rangle \mu \eta s$







$\sigma \iota \pi \pi i o v \quad \kappa \in \nu(\tau \eta \nu \alpha \rho i ́ o v)$ a $\delta \epsilon \sigma(\mu \hat{\omega} \nu) \gamma$


$\gamma \rho \alpha(\mu \mu \alpha ́ \tau \omega \nu) \ll(\tau \alpha ́ \lambda \alpha \nu \tau \alpha) \zeta(\delta \rho \alpha \chi \mu \grave{\alpha} s) ' \Gamma \psi \kappa, / \dot{\delta} \mu o \hat{v}\{(\tau \alpha ́ \lambda \alpha \nu \tau o \nu) \underset{\alpha}{\alpha}\}$
( $\tau \dot{\alpha} \lambda \alpha \nu \tau \alpha) ~ « \beta$ ( $\delta \rho \alpha \chi \mu \alpha i)$ ' $\Delta \phi о \epsilon, \pi \lambda \eta ́ \rho \eta$. кирía
$\dot{\eta} \dot{\alpha} \pi \sigma \chi \grave{\eta} \kappa \alpha i .[\dot{\epsilon} \pi \epsilon \rho] \omega \tau \eta \theta \dot{\epsilon} \nu \tau[\epsilon] \mathrm{\omega} \dot{\omega} \rho \lambda\langle o \gamma\rangle \dot{\eta}-$
$20 \sigma \alpha \mu \epsilon \nu$.



$\dot{v} \pi(\grave{\epsilon} \rho) \alpha \dot{\partial} \tau(\hat{\omega} \nu) \mu \grave{\eta}$ єí $(\sigma \hat{\sigma} \tau \omega \nu) \gamma \rho \alpha \dot{\alpha}(\mu \mu \alpha \tau \alpha)$.
On the verso




' Under the consuls to be appointed for the 4 th time. To Hermias, strategus of the Oxyrhynchite nome, from Onnophris son of Pekusis, tesserarius, and Paësis son of Tachuris (?), and Pahelenes son of Harachthes, comarchs, all of the village of Heraclides in the pagus under your jurisdiction. We have received from and been paid by Paulus, banker of public moneys, by your order the sums concerning which we were notified (?) that orders should be given for them to be paid to us, on account of the value of charcoal supplied to the public bath, for I hundredweight and 3 bundles of tow, 5 talents 3,000 drachmae, of which we have already received $2,145 \mathrm{dr}$., remainder 5 tal . 855 dr ., for $10 \frac{1}{2}$ grammes of fine gold 7 talents 3,720 drachmae, in all 12 tal. 4,575 dr., in full. This receipt is valid, and in answer to the formal question we have given our consent. In the aforesaid consulship, Mesore 7. We, Onnophris, Paësis, and Pahelenes, have been paid, as aforesaid. I, Isidorus, wrote on their behalf as they are illiterate. (Addressed) Deliver to Hermias.'
 concerning the date of the 6th consulship of Licinius and and of Licinius Caesar, since the
 consulship; cf. 42. 9 (as restored by Seeck [ $\mu \epsilon \tau \grave{\alpha} \tau \grave{\eta} \nu \dot{\operatorname{in}} \pi a \tau i a \nu] \tau \hat{\omega} \nu$ ) and Jouguet's latest discussion in P. Thead. p. 212. The evidence of the present volume confirms Jouguet's view, based on the Theadelphia papyri, that the consulship in question was 322 , not $3^{2} 3$ as
 means 324 , not 325 . The ordinary consuls of 325 occur in $\mathbf{1 6 2 6 . 2 3}$ (Pauni ), as in 52. I (month lost), P. Thead. 7. 26 (month uncertain), 35. Ix (Epeiph 4); Mesore, in which month 1430 was written (1.21), is much more likely to be ten months earlier than 1626. 23 , than two months later. Even before the end of 324 the regular consuls of the year were recognized in Egypt (Preisigke, S. B. $5^{615}$. 16 Хоіак к $\boldsymbol{\text { ) }}$, and concerning the consuls of 325 no doubts are traceable. The latest extant dating which mentions Licinius' regnal years is 1574.4, Tubi 26 of his 16 th year, the 18 th of Constantine (Jan. 22, 324), which shows that Constantine's conquest of Egypt was not effective before 324 . The system of
 if the $4^{\text {th }}$ year was $3^{24}$, and was apparently the result of Licinius' refusal to recognize the consuls of 321 appointed by Constantine, Crispus II and Constantine Caesar II ; cf. Seeck, Rhein. Mus. lxii. 534. The consuls of 320, Constantine VI and Constantine Caesar, seem to have been accepted in Egypt without question ; cf. P. Cairo 10567 verso. There is as yet no evidence from papyri of datings in $32 \mathbf{I}$, and whether Licinius appointed opposition consuls in that year is unknown. In $3^{22}$, the 6th consulship of Licinius and 2 nd of Licinius Caesar, covering the 10th-1 1th indiction in Egypt (C.P. R. 10; cf. Fiïhrer, 292), a curious

 for some reason the dating by the consuls in office was insufficient, although these were known, and indicates either a doubt about the validity of the 6th consulship of Licinius and and of Licinius Caesar (who were of course not recognized by Constantine), or else an attempt to start dating by an era. That many efforts were made in the early part of the fourth century to substitute eras for consular datings is now clear from 1431, and the year $3^{21}$, in which the system of dating by consuls broke down in Egypt probably much more completely than in any year since the introduction of that system by Diocletian, may have been chosen as the starting-point of an era roîs écoнévoıs vimátoıs, which survived for four years, and possibly represents a deliberate attempt on the part of scribes to simplify the official calendar.
 A strategus is found in the Oxyrhynchite nome as late as 362 (1057. 2), and no instance from that nome has occurred in which he is identified with an exactor (cf. 1428. int.). In
 positus (cf. e. g. 1425. 6), the strategus had become one of the praepositi of the 10 pagi of the nome (cf. 1425. 4, n.) ; but without corroborative evidence we are rather disposed to
 The strategus is still found exercising judicial powers in 66 (357) and probably 1470 (336).
4. $\tau \in \sigma\langle\sigma\rangle \alpha\langle\rho\rangle$ apiov: cf. 1425. 5, n.
5. 'A $\rho\left\langle{ }^{\prime}\right\rangle \chi \theta$ 生: cf. 'Apá $\chi \theta \eta$ s in e. g. a contract of sale to be published in Part xiii.



9. $\delta \eta \mu \circ \sigma i(\omega \nu) \chi \rho \eta \mu a ́ \tau \omega \nu \tau \rho a \pi \epsilon S_{i}(\tau o v)$ : these words are very badly written, but the reading is confirmed by 84. 8-9 $\delta \eta \mu \sigma \sigma i \omega \nu \quad \chi \rho[\eta] \mu a ́ \tau \omega \nu$ (so Wilcken, Chrest. 197. int. for $\lambda \eta \eta_{1} \mu^{\dagger} \mu a ́ \tau \omega \nu$ ) $\tau \rho a \pi(\epsilon \zeta i \tau o u)$.

Io. $\tau \in \tau$ á $\gamma[\mu \epsilon] \theta a:$ cf. 84. 12. The precise meaning is not clear. An equivalent to airoú $\mu \epsilon \theta a$ in 55. 6, C. P. Herm. 56. 3-5 would rather be expected.
12. $\chi^{\omega p}($ ôvvтos ) : cf. e. g. 84. I5, 890. 8.
13. $\pi a v i \delta \delta t o \nu$ is apparently a mistake for $\beta a \lambda a \nu \epsilon i o v$ or $\beta a \lambda a v i \delta i o \nu$; cf. e. g. 53. 6, 1499. 3.
14. For $\sigma i \pi \pi \iota \circ \nu$, i. e. $\sigma \pi v i \pi \pi \iota o v$, see Reil, Beiträge, 123, P. Giessen iti. 3, n. The relation of a $\delta \epsilon \epsilon \sigma \mu \eta$ to a кє $\tau \tau \eta \nu \dot{\alpha} \rho \iota o v$, which is used also for measuring iron in 84.14 and charcoal in P. Amh. 138. I3, is unknown.
15. $\hat{\omega} \nu \pi \rho(o a \pi \epsilon \in \sigma \chi \circ \mu \in \nu$ ?) : the abbreviation (cf. the critical n.) is similar to that used for е́катобтаі (e.g. 1286. 6) or тробঠıаүрафо́яєла (e. g. 1436), but since the sum in question is deducted from the main sum, not added to it, and the payment was made by, not to, the government, neither of those words is suitable here. In 1449. 19, 48, 52 it is used for $\pi \rho(o \sigma)$. For $\pi \rho o a \pi \epsilon \chi \chi \epsilon \nu$ cf. P. Tebt. 399. I4.

тà $\lambda o \iota \pi \alpha$ : the use of the accusative here indicates that the symbols for talents and drachmae in ll. $5^{-17}$ are in the accusative, and the abbreviations in 1. I4 in the genitive, not vice versa. The original arrangement was for payment in tow and gold, for which the government substituted billon.


## 1431. Preparations for an Official Visit.

$$
8.3 \times 25.8 \mathrm{~cm}
$$

$$
\text { A.D. } 35^{2} \text {. }
$$

An order to an agent ( $\chi \in \iota \rho \iota \sigma \tau \eta$; cf. e.g. 1429.3) to pay a carpet-manufacturer the price of a carpet required for the approaching visit of the dux, who was the supreme military authority in Egypt in the middle of the fourth century; cf. P. Brit. Mus. ii, p. 270 . That the writer occupied an official position is not certain, but he must have been a fairly rich man, for the carpet cost 1,500 talents, a considerable sum even though the billon coinage was much depreciated; cf. 1430. int. The equivalent amount of $\delta \eta \nu a \rho i \omega v \mu \nu \rho \iota a ́ \delta \epsilon s$ is stated, and the meaning of that phrase, which has been misinterpreted (l. 3, n.), becomes clear. Another interesting point in the papyrus is the three-fold date, which is fortunately
explained by 1632. It refers to three local eras, starting in the years 307,325 , and 341 , and distinct from the two well-known Oxyrhynchite eras beginning in 324 and 355 , which soon superseded the rest ; cf. 1.5 , n.

The writing is along the fibres of the verso, the recto being blank.





'Athanasius to Sarapion, agent, greeting. Give Gennadius the carpet-maker for the price of a carpet on the occasion of the visit of the $d u x 2,250,000$ denarii, equivalent to I, 500 talents. I pray for your health. The 45 th, 27 th, and I Ith year, Tubi 8 .'
2. For tamŋтápıos cf. B.G.U. 1082.2 : in 999 it seems to be used as a proper name. The form ramırâs occurs in 1517. 3. The price of a ránךs Aíyúntıos in the Ed. Diocl. 19, 21 is only 1,750 denarii ; cf. 1430. int.

3. סךvapiov puptáoas: this phrase first occurred in P. Brit. Mus. 248 (ii. 306), where


 in talents, ignoring the $140 \mu v \rho u a^{\delta} \epsilon s$, which, as he supposed, were accounted for in the mutilated lines $16-18$. Hence he deduced the equivalence of the denarius and drachma, which was accepted by Wessely, Ein Altersind.im Philog. 30. But the conversion in 1431, which corresponds to the conversion of $300 \delta \eta \nu . \mu v \rho$. into 2,000 talents in B. G. U. IO49. I3 (A.D. 342 ), indicates that the denarius was reckoned, as would be expected, at the usual rate of 4 drachmae, and the sums mentioned in 11. 16-19 of the British Museum papyrus are clearly to be included in the total, of which the $675+90=765$ talents (nearly $115 \delta \eta \nu . \mu v \rho$.) formed only a part (in l. i 7 l. кai єis $\lambda o ́ \gamma o v ~ \stackrel{\epsilon}{\epsilon} p \gamma \omega \nu$ ).
5. Cf. 1632. 9, dated in 353, where the 47 th, 29 th, and 2 nd years correspond to the 12 th indiction (i. e. 353-4). The first two of these eras, separated by eighteen years and dating from $307-8$ and $325-6$ respectively, are also now to be recognized in 92.4 , where the third is to be read $\delta$ ( ${ }^{\text {c̈rous) , as suggested in the int. That papyrus equates the } 3 \text { rst, }}$ $13^{\text {th }}$, and $4^{\text {th }}$ years, and belongs to the year 337 , not to 335 , as doubtfully explained by reference to the years of Constantine and Constantius. A fourth example of a triple dating, in which the first two eras are probably the same as in the other three instances, is 1575.4; but the figures are uncertain. The variation with regard to the third era is striking: in 1431 it dates from 34 I , in 1632 from 352, in 92 from 334. Since eras at Oxyrhynchus dating from 324 and 355 (cf. 125. int.) were known previously from numerous examples, of which the earliest so far is 1056 ( 37 th and 6th year, $360-1$ ), there are now no less than seven different eras attested between 307 and 355 . With regard to the month in which they began, in 125. int. we supposed that the eras of 324 and 355 began on Thoth r (Aug.

 on the eras of $307,3^{2} 5$, and $35^{2}$ apparently coincided with the indiction-year (cf. 1632. int.),
which commenced in one of the summer months Pachon, Pauni, Epeiph, or Mesore (in the case of $\mathbf{1 6 3 2}$ on or before Mesore 1) and varied from year to year, and P. Flor. 325 raises a difficulty with regard to the eras of 324 and 355 . That papyrus is dated on Pachon 25 of the year after the consulship of Longinus, 12 th indiction, and speaks of the 165 th and 134th year (i. e. 488-9) as ' $\nu \epsilon \sigma$ tós. The year after the consulship of Longinus is 487 , and Vitelli proposed to insert to $\beta^{\prime}$ after the consulship (cf. 1130. 3, n., for a parallel instancef the omission of to $\beta^{\prime}$ ). Pachon 25 can belong either to the beginning or the end of an indiction; but if the year in question was 488 , the 12 th indiction had begun and the new year by the two eras of 324 and 355 had apparently begun with it. If the papyrus belongs to 489 , the indiction was ending, and there would be nothing to show whether the years by the eras ended with it or at the end of Mesore ; but it is then necessary to insert to $\gamma^{\prime}$, which is unsatisfactory. Hence the starting-point of the year on the various eras remains in doubt, especially as it need not have been the same in each era.

The following table combines the evidence of the years by Oxyrhynchite eras in use up to 360 , after which date only the eras of 324 and 355 are found.

|  | Eras |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Year | Day | 307 | $3{ }^{24}$ | 325 | 334 | 341 | $35^{2}$ | 355 |
| 92 | 337 | Oct. 15 | 31 | .. | 13 | 4 | .. | .. | .. |
| 1575 | 339 | May 26 | 32 ? | .. | [14] | 5 ? | - | .. | . |
| 1431 | $35^{2}$ | Jan. 4. | 45 | . | 27 | .. | II | . | - |
| 1632 | 353 | July 25 | 47 | .. | 29 | .. | .. | 2 | . |
| 1056 | 360 | Oct. 10 | .. | 37 | .. | .. | . | . | 6 |

From 325-360 there seem to have been two contending parties, one dating by the eras of 307 and 325 , and after 334 by a third which varied and was certainly not a cycle like the indictions, the other dating by the era of 324 and later by that of 355 . To suppose that the eras of 324 and 325 are really the same is incompatible with the evidence of 1632, and no alteration of the figure of the indiction is there admissible owing to its accordance with the consular dating. The choice of particular years as starting-points of these eras probably depended in most, perhaps in all, cases upon purely local considerations. The only eras which suggest a connexion with events of great importance are those beginning in 324 and $3^{25}$. With regard to the earlier of these we suggested in 125. int. that it might possibly be connected with the Council of Nicaea. Hohmann (Chronol.d. Papyrusurk. 46), in objecting to this, treats Thoth I 323 and 354 as the 'Epochetag' of the two eras beginning in 324 and 355 by an error due to a curious misapprehension of the nature of ancient eras; these begin with a year r , not with a year o, e. g. that by the Kaivapos крárךбts, which corresponds to the regnal years of Augustus, or the Diocletian era, of which the ist year was 284-5, i. e. his ist regnal year. The Oxyrhynchite era of 324 , of which the 1st year was 324 -5, cannot possibly be related, as Hohmann proposes, to events in the year 323-4, during most of which Licinius was still in possession of Egypt. The change of sovereigns, so far as Middle Egypt was concerned, is now fairly well fixed in the period between Jan. 22 and December, $3^{24}$ (cf. 1430. 1, n.), and the Council of Nicaea, which began in May according to some authorities and ended in September, $3^{25}$, can be connected with either the era of 324 or that of 325 . Possibly the era of 324 is to be connected with the triumph of Constantine, and that of $3^{2} 5$ with the Council of Nicaea. These two rival eras may have commended themselves to different religious parties in the city, and the supporters of the era of 324 in any case proved victorious. But the absence of any specially notable events in the years $307-8,334-5,34^{1-2}, 35^{2-3}, 355^{-6}$ rather indicates that all these fourth-century eras at Oxyrhynchus were suggested by events of local interest.

## IV．TAXATION．

1432．Report of a Tax－Farmer to a Strategus．

$$
14.8 \times 6.7 \mathrm{~cm}
$$

A．D． 214.
A monthly return of receipts of taxation，similar to those addressed to the
 upon sellers of two different kinds of pulse．The impost is no doubt the $\chi \in \omega \rho \omega$－ vá $\not \iota o v$ ，a tax levied at varying rates on different trades，but uniformly upon members of the same one ；cf．Wilcken，Ost．i． 32 I sqq．，Grundz．I88．The rate on individuals is not stated in the present case， 80 drachmae in all having been paid．For other instances of $\chi \in \iota \rho \omega \nu \alpha \xi_{\imath} \iota v$ in this volume cf．1436．4， 1518 （on коvрєis at 6 drachmae each，к $\lambda є \iota о \pi о ь о$ i，\＆c．），and possibly 1517 and 1519 （different trades？）．

```
    Av̀\rho\eta\lambdaí\varphi 'A\nuov\betaí\omega(\nu\imath\rangle \sigma\tau(\rho\alpha\tau\eta\gamma\widehat{Q}) K\alphaí\sigma\alpha\rhoos \tauо\hat{v}}\mathrm{ кирíov.
        'O\xi(v\rhov\gamma\chií\tauov)
    \pi\alpha\rho\grave{\alpha} 'H\rho\alphaк\lambda人атos \sum\alpha\rho\hat{\alpha} \tau[0]\hat{\nu}
    'Aкоиै \mu\etaт\rhoòs N\iotaка!!as
    \alpha'\pi' 'O\xiv\rhoú\gamma\chi\omega\nu \pió\lambda\epsilon\omega\
v vi\pio\sigma\chi\in\sigma\alpha\rhoíov \omegaं\nu\eta
    \alpha}0\eta\rhoо\piо\lambda\omegaิ\nu к\alphai ó\rho\betaıо
    \pio\lambda\omegaิ\nu. \mu\etav\imath\alphaîos \lambdaó\gammaos
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⿺夂 \sum'єov\etá\rhoov 'A\nu\tau\omega\nui\nuo[v
    \epsilon}\sigma\tau\iota \delta\epsiloń\cdot \pi\alpha\rho\alphà \alpha'0\eta\rhoo
    \piо\lambda\omegaิ\nu к\alphai ó\rho\beta\iotaо\piо\lambda\omegaि\nu
    \deltaрах\mu\grave{s ó\gamma\deltaо\etáко\nuт\alpha,}
I5 / (\delta\rho\alpha\chi\mu\alphai)}\pi\mathrm{ , 人ì каi }\delta<\alpha
        \gamma\rho\alpháфо\nuт[\alpha\iota
    \epsilonís \tau\etaे\nu €̇\pii \tauо́\pi\omega\nu
    \delta\eta\muо\sigmaí\alpha\nu \tauр\alpháтла\iota}\alpha\nu.
    (\epsilon้точs) к\beta Av`ток[\rho]\alpháтороs
    K\alphaí\sigma\alpha\rhoos М\alphá\rhoкоv Aúр\eta\lambdaíov
20 [\Sigma\epsilon0v\etá\rhoo]v 'A\nu[\tau]\omega\nuivov
```



＇To Aurelius Anubion，strategus of the Oxyrhynchite nome，from Heraclas son of Saras son of Akous，his mother being Nicaea（？），of the city of Oxyrhynchus，contractor for farming the tax on pulse－sellers and vetch－sellers．Monthly account for Pauni of the present 22nd year of Marcus Aurelius Severus Antoninus Caesar the lord，as follows．From the pulse－sellers and vetch－sellers eighty drachmae，total 80 dr．，which were paid into the local public bank．＇Date．

1．Aurelius Anubion is also mentioned in 1196． 1 （ 2 II－12；om．Aurelius），1474．I （Jan．31，216），1525．I（about Sept． 216 ）．
2. $\Sigma a \rho \hat{a} \tau[0] \hat{v}$ : $\Sigma \varepsilon \rho \dot{\eta} \nu[0] v$ might be read, or $\Sigma a \rho a ̂ \tau[0] s$.
3. Niкalas: or, perhaps, Niкâtos, but that would be expected to be a man's name.
 cf. 1633. The $\chi \epsilon \iota \rho \omega \nu \dot{a} \xi \iota \iota \nu$ was frequently farmed, e. g. the tédos $\gamma \epsilon \rho \delta i \omega \nu$ and the imposts
 cf. 1436. 4 and Wilcken, Ost. i. 575-82.
6. $\dot{a} \theta \eta \rho o \pi\langle\omega\rangle \lambda \hat{\omega} \nu \kappa a i ̀ \partial \rho \beta \iota o \pi\langle\omega\rangle \lambda \bar{\omega} \nu: \dot{a} \theta \eta \rho \eta$ or ${ }^{2} \theta a ̆ ́ \rho \eta$, the form used by classical writers, was. according to Pliny, N. H. xxii. ${ }^{2} 5.121$ an Egyptian word, olyram arincam diximus vocari. hac decocta fit medicamentum, quod Aegyptii atheram vocant, infantibus utilissimum, sed et adultos inlinunt eo. It is rarely mentioned in papyri (P. Leyden 3.25 ). ópoßos is frequently found in documents concerning traffic between the Fayûm and Memphis, e. g. P. Fay. 69. The form ó $\rho \beta \iota \pi \dot{\omega} \lambda \eta s$ occurs in 1037. 4, óp $\beta o \pi \dot{\omega} \lambda \eta s$ in 1323; cf. P. Brit. Mus. 1445. 7, n.

## 1433. Two Reports of Tax-COLLECTORS TO A Strategus.

$$
12.3 \times 7.8 \mathrm{~cm} . \quad \text { A. D. } 238
$$

These two returns in the same hand, addressed to a strategus by collectors of money-taxes at a village in the Thmoisepho toparchy (cf. 1436. 35, n.) concerning their receipts in successive months, form nos. $3^{1}$ and $3^{2}$ of a long series of documents, which were joined together and numbered probably in the $\beta \iota \beta \lambda_{\iota}$ $\theta \eta$ 向 $\eta \delta \eta \mu о \sigma i ́ \omega \nu \lambda o ́ \gamma \omega \nu$. Nos. 33 and 34, two returns of unirrigated land, addressed more than a year later to a basilicogrammateus and comogrammateus respectively, are also extant (1549). Since the taxing-returns belong to the troubled year 238 , the references to the reigning Emperors have a special interest. The conclusions of both documents with the dates are lost ; but Col. i , which gives the account of Mesore, the last month of 'the past Ist year' (l. I5), was clearly written in Thoth of the 2nd year of Pupienus and Balbinus Augusti and Gordianus Caesar, while Col. ii, which gives the account of Thoth in the 2nd year of Gordianus Augustus, was no doubt written in the next month Phaophi. Part of the names of Pupienus and Balbinus in Col. i has been deleted, but whether the news of their death was received before or after the dispatch of the document is uncertain. 1433 thus harmonizes with the evidence of other papyri, \&c., concerning the short reign of those two Emperors; cf. Wilcken, Ost. i. 805 (in P. Flor. 98, which was published later, neither the year nor month of the reign is preserved). At Thebes on Epeiph 27 of the Ist year (July 21) Gordianus Caesar is ignored in an ostracon; but he is mentioned in the dating on Thoth II of the 2nd year (Sept. 8) in a Vienna papyrus from the Arsinoïte nome, while on Thoth 24 (Sept. 2I) Gordianus Augustus alone occurs in another Vienna papyrus; 1433. i was therefore probably written before Thoth 24.

Similar monthly returns by collectors of money-taxes are common in Fayûm papyri ; cf. P. Fay. 4I. int. The instances in which the individual payments are detailed, as here (B. G. U. 42, 392, 639), are less numerous than those in which
the totals for different taxes are given (B. G. U. 25, 4r, r99. recto, 652-3, P. Fay. 41-2, 239; cf. $42(a))$. In the other Oxyrhynchite examples, 1046 and 1283, both systems are employed. In Col. i only the total is preserved (1. 29) ; in Col. ii the payments are all for beer-tax (1. $5^{2}$, n.). Probably other $\pi \rho a ́ к \tau о \rho \in s$ also sent in similar reports, for those extant in the papyri referred to seldom give the impression of being complete returns for the month ; cf. 1436. int.

Col. i.

$[\tau i \omega \nu \iota \quad \sigma \tau \rho \alpha(\tau \eta \gamma \widehat{\omega})$ ' $O \xi \varepsilon \rho v \gamma \chi(i \tau \sigma v)]$ [ $\pi \alpha \rho \grave{\alpha} A \dot{v} \rho \eta \lambda i ́ \omega \nu]$
$5[N \epsilon X \theta \in \nu i ́ \beta ı o s]$
$[\kappa] \alpha![\tau \hat{\omega} \nu \quad \sigma \grave{v} \nu \alpha \cup ̉ \tau(\hat{\omega})$
$[\pi] \rho \alpha \kappa(\tau о ́ \rho \omega \nu) \quad \dot{\alpha} \rho \gamma \nu \rho \iota \kappa(\hat{\omega} \nu)$
$[\mu] \eta \tau \rho \circ \pi(o \lambda \iota \tau \iota \kappa \hat{\omega} \nu) \quad \lambda \eta \mu \mu \alpha \hat{\alpha}[\tau(\omega \nu)$
$[\Theta] \mu o \iota \sigma \epsilon \phi \grave{\omega} \quad \tau \circ \pi\left(\alpha \rho \chi^{i ́ \alpha s}\right)$
1० $[K] \epsilon \sigma \mu \circ$ о́ $\chi \epsilon \omega \varsigma$ то́ $\pi(\omega \nu)$.
$[\kappa \alpha] \tau^{\prime} \stackrel{\alpha}{\alpha} \nu \delta \rho \alpha \quad \epsilon \prime \sigma \pi[\rho \alpha ́-$
$[\xi] \epsilon \omega s \dot{\alpha} \rho \iota \theta \mu \eta^{-}$
$[\sigma \epsilon] \omega s$ $\mu \eta \nu o ̀ s ~ M \epsilon-$
$[\sigma 0] \rho \grave{\eta}$ тov̂ $\delta \iota \epsilon \lambda$ -
I5 [日]óvтоs $\alpha$ ('єтоиs)
[A]u่ток $\rho \alpha \tau о ́[\rho \omega \nu$
$[K \alpha] \iota \sigma \alpha ́ \rho \omega \nu \quad M \alpha ́[\rho к о \nu$
$[K \lambda] \omega \delta i ́ o v \llbracket M \alpha \xi[i[\mu o v]$

${ }_{20}[K] \alpha i \lambda i o v K \alpha \lambda o v i v[0 u$
$\llbracket[B] \alpha \lambda \beta i v o v \rrbracket E \dot{v} \sigma \in \beta \hat{\omega}[\nu$
$[E] u ́ \tau v \chi \hat{\omega} \nu \quad \Sigma_{\epsilon} \in \beta \alpha \sigma \tau[\hat{\omega}] \nu$
каi Ма́ркои 'A $\downarrow \tau \omega \nu$ io[v
$[\Gamma]$ ор $\delta \iota \alpha \nu o \hat{v}$
25 [ $\tau] o \hat{u}$ iєp $\omega \tau \alpha \dot{\alpha} \tau 0 v$
$[K] \alpha i ́ \sigma \alpha \rho o s . \quad$ ' $\epsilon \sigma \tau[l] \delta \epsilon \cdot$.
$[\delta \iota] \epsilon \gamma \rho \alpha ́ \phi \eta\langle\sigma \alpha \nu\rangle \in ́ \epsilon \pi i \tau \grave{\eta} \nu$
[ס] $\eta \mu о \sigma i ́ \alpha \nu$ т $\rho \alpha ́-$

Col. ii.

## $\lambda[\beta]$

Флаví 'A 'А
$\tau i ́ \omega \nu \iota \quad \sigma \tau \rho \alpha(\tau \eta \gamma \hat{\varphi})$ 'O $\xi^{\prime} \nu \rho v \gamma \chi(i \tau \circ v)$
$35[\pi] \alpha \rho \grave{\alpha} A \dot{v} \rho \eta \lambda i ́ \omega \nu \quad N \epsilon-$
$\chi \theta \in \nu i ́ \beta ı o s ~ к \alpha \grave{\imath} \tau \hat{\omega} \nu$
$\sigma[\dot{v} \nu \alpha] \dot{u} \tau \hat{\omega} \pi \rho \alpha \kappa(\tau o ́ \rho \omega \nu) ~ \alpha ’ \rho-$

$\lambda \eta \mu \mu \dot{\alpha} \tau(\omega \nu) \Theta \mu о \iota \sigma \epsilon-$
40 ф̀े $\tau о \pi\left(\alpha \rho \chi^{i ́ \alpha s}\right)^{\circ} K \epsilon \sigma \mu \sigma^{\prime} \chi^{\epsilon-}$
$\omega s$ тóm( $\omega \nu$ ). к $\alpha \tau^{\prime}{ }^{\alpha} \nu \delta \rho \alpha$
‘ $\epsilon i \sigma \pi \rho \alpha ́ \xi \epsilon \omega S$ а’ $\rho l-$
$\theta \mu \eta \quad \eta \epsilon \omega s$ $\mu \eta \nu o ̀ s$
$\Theta \grave{\omega} \theta$ то仑̂ $̇ ้ ย \epsilon \sigma \tau \hat{\omega} \tau o s$
$45 \beta$ ('єтоvs) Ма́ркоv

Гopठıаขov̂
Ev̉ $\sigma \epsilon \beta$ ồs Eútvхoûs
$[\Sigma \epsilon] \beta \alpha \sigma \tau 0 \hat{v} . \quad$ ढ' $\sigma \tau \iota \delta^{\prime}$.
$50\left[\delta_{l}\right] \in \gamma \rho \alpha \dot{\alpha} \phi \eta\langle\sigma \alpha \nu\rangle \dot{\epsilon} \pi i \quad \tau(\grave{\eta} \nu)$
$\delta \eta \mu о \sigma i ́ \alpha \nu \quad \tau \rho \alpha ́-$
$[\pi \epsilon \zeta] \alpha \nu$ § $\cup \tau \eta \rho \hat{\alpha} \varsigma$,
$\hat{\omega} \nu \tau o ̀ k \alpha \tau^{\prime} \stackrel{\alpha}{\alpha} \nu \delta(\rho \alpha)$.
[ $\kappa \lambda] \eta$ ро $о$ о́ $\mu$ оь
55 [. .] $\omega \nu \iota \delta o s ~ \Pi[\alpha \nu-$
$[\sigma \iota \rho] i ́ \omega \nu o s(\delta \rho.) \mu$,
$\Sigma \alpha \rho \alpha \pi i \omega \nu$ ó $k(\alpha i)$
$\Delta$ เovúбıos каi
'Aрıбто́к $\lambda \epsilon \iota \alpha$

```
    \([\pi] \epsilon \zeta \alpha \nu(\delta \rho \alpha \chi \mu \alpha i) \tau \iota\),
        \(\hat{\omega} \nu\)
    [ \(\Delta 10] \gamma \in \nu\) is [. .]
```


i. ' $1-31$.

To Flavius Harpocration, strategus of the Oxyrhynchite nome, from the Aurelii Necthenibis and his associates, collectors of money-revenues of the metropolis in the Thmoisepho toparchy, district of Kesmouchis. List of individual receipts paid in the month of Mesore of the past Ist year of the Emperors Caesars Marcus Clodius [[Maximus]] andDecimusCaelius Calvinus [Balbinus]] Pii Felices Augusti and Marcus Antonius Gordianus the most sacred Caesar, as follows. Paid to the public bank 316 drachmae, of which the items were: Diogenis ...'

1-5. Cf. 11. 32-6 and, for the restoration of the figures, int.
8. $\left[\mu{ }^{1} \eta \tau \rho \rho \pi(0 \lambda \iota \tau \tau \kappa \omega \nu)\right.$ ) cf. 1405. 20, 1419. 2, nn.
 long. Ma $\xi$ i $\mu$ ov is omitted in P. Rainer, Mittheil. ii. 3r.
31. There is a blank space at the end of the line, and perhaps nothing was written after [ $\Delta \Delta o] y$ evis.
52. 乡vitpầs : cf. P. Tebt. ii, p. 335, Reil, Beiträge, 169. In Roman times it was
 here ; kar äv $\delta \rho a$ in 1.53 corresponds to $k$. ä. in 1. 4 I ). The two payments preserved, both of 40 drachmae (11. $5^{6}$ and 60), are much higher than the amounts paid by individuals in previous centuries ( $4 \mathrm{dr} . \frac{1}{2}$ ob. 2 chal. in P. Tebt. $353,7 \mathrm{dr} .4 \mathrm{ob}$. in Amh. 12 I. 3 , 10 dr. 2 ob. in Fay. 47 (a). 5 and 262,8 dr. in Tebt. Ost. 1, $5 \frac{1}{2}$ ob. in Tebt. Ost. 2); a payment of 80 drachmae by tax-collectors occurs in P. Ryl. 196. II (A.D. 196). In the third century the depreciation of the coinage was making itself felt ; cf. P. Strassb. 6I. 5, where 28 dr . are paid for Suvnpá in A.D. 228.



## 1434. Report of a Comogrammateus concerning Remissions.

$$
28.7 \times 21 \mathrm{~cm} . \quad \text { A. D. } 107-8 .
$$

The recto of this papyrus contains most of the first column, and beginnings of a few lines of the second, from the beginning of a report concerning abatements of taxation (кovфот'́ $\bar{\epsilon} \epsilon a \iota$ ), drawn up by a lately appointed comogrammateus of several villages in the upper toparchy (cf. 1425.4, n.), and probably intended for the strategus. P. Fay. 40, an $\dot{a} \pi a \iota \tau \dot{\eta} \sigma u \mu v \nu \tau \in \lambda \omega \nu \iota \kappa \hat{\eta} s \dot{a} \tau \tau \epsilon \lambda \epsilon \dot{a}$ ( (which does not imply complete exemption from taxation ; cf. P. Fay. 82. 14) drawn up by a comogrammateus, is somewhat similar. The scribe wrote a clear semi-uncial hand but in a very compressed style, and, owing to the loss of both the ends of lines at
the bottom of Col. i and a few letters at the beginnings, the technical details, which are of a rather interesting character, are not very clear. Lines $9-17$ are concerned with the estate formerly belonging to Gaius Julius son of Gaius Julius Theon, an Alexandrian official of high rank. This property was originally acquired from the Emperor Augustus, but underwent several changes of ownership (ll. $9,15, \mathrm{nn}$.). After 1.17 there is a blank space of a line ; but 11.18 sqq. seem to be concerned with the same estate, giving details as to its present condition, not to constitute a new section. With regard to кovфотé $\bar{\epsilon} \epsilon a$, little was known apart from a passage in the edict of Tiberius Alexander, which provides some interesting parallels ; cf. 11. $3,7,15, \mathrm{nn}$.

On the verso is the conclusion of an undertaking to provide bread, written nine years later (1454).

## Col. i.

$$
\begin{aligned}
& \text { [Пa } \alpha \grave{\alpha}] \text { ' } A \pi 0[\lambda \lambda] \omega \nu i ́ o v \quad \nu \epsilon \omega \sigma \tau i ̀ \quad \kappa \alpha \theta \epsilon \sigma \tau \alpha \mu \epsilon ́ \nu o v
\end{aligned}
$$

 $[\hat{\epsilon} \nu] \theta \alpha \dot{\alpha} \delta \epsilon \lambda o \gamma i \xi \epsilon \tau \alpha \iota$.
 $[T \epsilon \rho \mu] \alpha \nu \iota \kappa o \hat{v} \quad \Delta \alpha \kappa \iota \kappa о \hat{v}$. єival $\delta \in \epsilon^{\circ}$






 $[\lambda \omega] \nu$ каì є́ $\tau \epsilon ́ \rho \omega \nu \quad(\tau \alpha ́ \lambda \alpha \nu \tau \alpha) \beta$ ( $\delta \rho \alpha \chi \mu \alpha ̀ s) \cdot[$.

 [ $\nu 0] \mu \hat{\omega} \nu$ oú $\sigma i ́ a s ~ \tau o \hat{v}$ кирíov $\Sigma \in[\beta \alpha \sigma \tau o \hat{v} \quad$ (ápoupal)..,
 $[\lambda o] \gamma \iota \zeta(o ́ \mu \in \nu \alpha \iota) \quad[(\alpha \ddot{\alpha} \rho 0 \nu \rho \alpha \iota) \ldots$


' From Apollonius, lately appointed comogrammateus of the Monimou farmstead and other villages in the upper toparchy. Account of abatements of taxation for the 1 ith year of the Emperor Caesar Nerva Trajanus Augustus Germanicus Dacicus, as follows. Abatements of which the due amounts in money and corn are reckoned here: to Gaius Julius, son of Gaius Julius Theon, formerly chief-priest and hypomnematographus, of the land in this nome sacred to Isis of Taposiris Aquila conceded in accordance with an application presented by Gaius Julius Theon the father, in accordance with the concession made to him by Gaius Tyrannius by an edict, from the account of Caesar, on condition that he should pay at the city for taxes and other charges 2 talents . . drachmae, at . . . this in the holding of Demetrius son of Po . . . . . arurae, of which . . are in the category of land that is unsown or dry or worn away, . . in the pastures in the estates of the lord Augustus, in place of which there are planted with olives (?), reckoned up to the 20 th year in the account of . . ., . arurae ; at Psobthis taxed at 1 artaba 1 arura, making 1 artaba, taxed at.$\frac{21}{64}$ arur., at Idu . . $\frac{3}{64}$ arur., total $\frac{21}{64}$ arur., at Idu $\ldots \frac{3}{64}$ arur. ; moneytaxes, for naubion at 200 dr . of copper, for exchange (?) . . ., for naubion (?) 22 I (?) dr., of which 8 (?) dr. . . .'
2. Movíuov paid 872 drachmae in 1285. 62, being probably one of the larger villages in the nome. The ä̉ $\lambda \lambda a \iota$ к $\omega$ мaı apparently included Psobthis (1. 23) and the villages mentioned in ll. 18 and 24. In 1285 the villages mentioned next to Movi $\mu$ ov (all

3. $[\kappa \kappa v \phi]$ or $\epsilon \epsilon \epsilon \omega \nu$ : cf. l. 7 and the edict of Tiberius Alexander (Dittenberger, Or. Gr.
 трибодıќ, Wilcken, Archiv, i. 148, Dittenberger's commentary, and Rostowzew, Röm. Kolonat. 109. On the edict of Hadrian lightening (kovфi乡 $\xi \nu$ ) the taxes on $\gamma \in \omega \rho \gamma o i$ see P. Giessen $4-7$. int., and on a remission of taxes in the Mendesian nome B. G. U. 903. 2 I .
i’a ( (̌ous): since Trajan has the title Dacicus (1. 5), the year cannot be earlier than the 6 th, and the absence of äpıcтos and Пaptıós (cf. 1454. 12) indicates a year earlier than the 18 th. All that remains of the number is the tip of an upward stroke joining the sign for ${ }_{\epsilon}$ 'rous, and this suits $\left.\imath\right] a$ better than $\left.\varsigma, \theta, i\right] \gamma$, or $\left.\imath\right]$.





 （cf．1．3，n．），supposing that the persons in question paid a vectigal，as distinct from an є́кфópov，to the State upon confiscated land bought by them；but in Grundz． 297 he with－ drew the explanation of $\gamma \hat{\eta} \pi \rho o \sigma o ́ o \sigma_{0}$（cf．1446．int．）as confiscated land，in deference to Rostowzew＇s criticisms（op．cit． 135 sqq．）．

9．Gaius Julius was contemporary with Aquila（1．12），i．e．G．Julius Aquila，praefect in A．D．10－I I（cf．Cantarelli，Prefetti，i．20），his father G．Julius Theon with G．Tyrannius （l．15），praefect in $7-4$ в．с．（Cantarelli，op．cit．19）．The property，which belonged to the Emperor Augustus（l．I5，n．），was ceded by Tyrannius to G．Julius Theon，who apparently made it over to the temple of Isis of Taposiris（l．ir，n．），his son subsequently recovering it from Aquila．That it was in A．D．107－8 still in the possession of Gaius Julius＇heirs is very doubiful．That portion to which l． 20 refers apparently belonged to an oveia of Trajan，while ll．18－19 and 23－4 seem to be concerned with $\beta a \sigma i \lambda \iota \kappa \eta \quad \gamma \eta$ ．Possibly the space left below 1.17 indicates that the section was not completed and 11 ．i 8 sqq．belong to a new section altogether，but in that case it is strange that the land in 11 ．I 8 sqq．was not further characterized．
 of the second office，see 1412． $1-3, \mathrm{n}$ ．ímoн⿰讠натоурáфot at this period probably existed
 $\pi \dot{\sigma} \sigma \eta s$, especially as he bears a Roman name．Theon who was ápxıóкабтйs late in the first century в．с．（P．Ryl．257）might be identical with G．Julius Theon here，and another
 the reign of Hadrian（P．Tebt．286．13）may well have belonged to the same family，as perhaps Theon àpxıó，father of G．Julius Dionysius àpxıo．in 130 （C．I．G．4734），who might
 тov̂ $\Theta^{\prime} \omega \nu o s ~ \tau \hat{\omega} \nu ~ \gamma \epsilon \gamma v[\mu \nu a \sigma t a \rho \chi(\eta \kappa o ́ \tau \omega \nu)$ referring to a judge at Alexandria．
 Taposiris Magna in the Libyan nome or Tap．Parva near Alexandria；cf．1380．67，n． The number of arurae to which iepisis refers was not expressed anywhere in 11 ． $11-17$ ，but seems to have been accounted for in ll． 18 sqq．
 is meant here also，apparently．For＇Акúdas cf．1．9，n．

14．каӨà кaì aủtós：as it stands，aủvós must refer to 「áos Tupávıoos，not the $\pi a \tau \eta \dot{\rho}$ ，but we think that the sentence began as if $\dot{\epsilon} \pi \epsilon \chi \omega \rho \eta \eta_{\eta} \dot{v} \pi \dot{o}$ Гaiou T．was going to follow，and for
 applied to Tyrannius．

15．For 「áıos Tupávıo（s）cf．］．9，n．At the end of the line［i8（iov）might be supplied， but for $\lambda$ órov Kaíoupos of．the passage from the edict of Tib．Alexander quoted in 1．7，n． Kaíapos here happens to mean Augustus（cf．l．9，n．），but it there refers to no particular Emperor，Augustus being elsewhere in the edict called $\theta$ єòs $\Sigma \in \beta a \sigma$ oós．Whether Kaivapos入óyos $=$ ióıos（or oúgtaкòs）入óyos，or is a general expression for the fiscus like кupıaкòs $\lambda$ óyos （edict of Tib．Alex．1．18），is left doubtful by Wilcken，Ost．i． 645 ．Dittenberger adopts the latter view，but the present passage on the whole favours the former．Possibly a comma
 the land was，although $i \in \rho a ́$ ，in the Kaíapos $\lambda$ óyos when Aquila assigned it to Gaius Julius the younger，and the nature of its tenure before Tyrannius assigned it to Gaius Julius the elder，who in any case seems to have been responsible for its becoming iffá（cf．l．9，n．）， was not stated in 11．9－17．From 1． 18 it appears that part of it had once been cleruchic． For an instance of cleruchic land reverting to the Emperor in the Augustan period cf． 721. An example of the conversion of $i \in \rho a ̀ ~ \gamma \hat{\eta}$ by Augustus into $\beta a \sigma \iota \lambda_{\iota} \kappa \dot{\eta}$ on a large scale occurs
in P. Tebt. 302 (W. Chrest. 368). But the construction adopted in the text, according to which $\dot{\pi} \pi \dot{o}[\lambda \dot{\lambda}]$ yov is connected with Tyrannius, not Aquila, is preferable. The temple lost the land in either case.
16. $\pi o ́ \lambda(\epsilon \omega s)$ probably means Oxyrhynchus (cf. l. II $\tau \hat{\omega} \delta \epsilon \tau \hat{\varphi} \nu \nu \mu \hat{\varphi})$ rather than Alexandria.
$\dot{v} \pi \dot{\epsilon} \rho \tau \in[\lambda \bar{\omega}] \nu$ каil $\dot{\epsilon} \tau \in \rho \omega \nu$ : this form of paying for land acquired from the Emperor or the State is unusual. Extant papyri concerning the sale of land by the government, whether
 and 1633. 7), or confiscated land under cultivation (B. G. U. 462), refer to a $\tau \not \mu \dot{\eta}$ with,
 a composition of future taxes may have been substituted for the price, which in the case of inóhoyov was generally low ( 12 drachmae per arura in 721, 20 dr. per arur. from A.D. $61-$ 246 ; cf. P. Amh. 68. 20 and Brit. Mus. 1157 . verso).
18. [. .] $\theta_{t s}$ : if $[\Psi \dot{\omega} \beta] \theta_{t s}($ for $-\theta \iota o s)$ be restored (cf. l. 23, n.), this line projected by one or two letters, which is quite legitimate, since in any case there is a change of subject. But a different village is expected in 1. 23 .
20. That an oveia of the reigning Emperor should be subject to коифотє́ $\lambda \epsilon \frac{1}{a}$ is natural;
 There is no clear evidence for the taxes paid by ovoiat, for in P. Brit. Mus. 195 it is uncertain in what relation the Emperor Tiberius (1. 2) stood to the $\kappa \tau \eta \sigma \iota s$ in question. For vopai in the oüataкá cf. Wilcken, Grundz. 299. [. .] $k \omega \nu$ might equally well be read, but suggests no suitable word. Usually ovioia of the Emperor were called after their first owners simply;

 it would project slightly. For àvic in a somewhat similar context cf. e. g. P. Tebt. 343. 23 $\tilde{\omega} \sigma \tau \epsilon \dot{a} \nu \tau i \dot{\epsilon} \lambda a \imath \omega \hat{\omega} \nu o(s) \phi o(p i \mu o v)$. ov̂ can be explained by supposing that the number at the end of 1.20 was a fraction of an arura. The objection to [áká] v $\theta o v$ is that this word is not found applied to land; in P. Tebt. 343. 6, \&c., äкav $\theta(o s)$ is to be read on the analogy of бvкáuıvos in 1. 86 ; cf. Wilcken, Archiv, v. 239. Possibly [. .] ] $\theta$ ov was a place-name. à à̀

 the current reign. At the end of the line $[\dot{v} \pi o \lambda \dot{o} \gamma(o v)$ or $[\vec{a} \tau \epsilon \lambda(\hat{\omega} \nu)$ is more likely than e. g. Kaiซapos (cf. l. 16) or $\sigma \iota \tau \kappa \bar{\omega} \nu$. In the case of inó久oyov sold by the government three years' àт $\lambda \epsilon \iota a$ was sometimes accorded; cf. 721. I5.
23. $[\Psi \dot{\omega}] \beta \theta(\iota o s)$ : a village of this name in the upper toparchy (cf. l. 3) is known from 343. Three other villages called $\psi \hat{\omega} \beta \theta_{l}$ in different toparchies occur in 1285. One artaba per arura is a common rate for land-tax upon cleruchic or private land (e. g. in 1459), including imodoyov bought from the government (P. Amh. 68.22). As a rent of State land it would be exceptionally low (cf. e.g. 1446), and imódoyov may well be meant here.
24. $[1] \delta \nu()$ : the papyrus has $] \bar{\delta}$, with $\bar{\delta}$ later, and $[..] \bar{\gamma} \nu \bar{a}$ in 1.25 ; but there is no certain instance in 1434 of strokes over figures and several cases occur of figures without strokes, so that the horizontal line apparently represents $v$, as it does certainly in l. 19 ${ }_{\kappa}^{\alpha} \tau \epsilon \xi v\left(\sigma \mu \epsilon v_{\eta}\right)$, and probably in l. $15 a \dot{v}(\tau \hat{\varphi})$ and $1.25[\dot{a} \rho] \gamma v(\rho \iota \kappa \hat{\omega} \nu) \nu a v(\beta i v v)$, and perhaps l. 26 $[\nu \operatorname{va}]($ ( iov ? ). $[1] \delta v($ ) or [. .] $\delta v($ ) is regarded by us as a new place-name; but the repetition of ' $1 \delta u($ ) is uncertain, and the fractions at the end of 1.23 may have been $\delta^{\prime} \lambda^{\prime} \beta^{\prime}$, in which case $\mathrm{I}_{6} \frac{21}{4}$ arurae in 1.24 refer to the whole amount, not to the two Psobthis items only.
${ }^{2} 5 .\left[a_{\rho}\right] \gamma \nu(\rho \iota \kappa \omega \nu \nu): c f .11 .7$ and 34. For the naubion-tax cf. 1409. 20, 1436. 6, nn. 200 (copper) drachmae (per arura) is not a rate attested elsewhere. If $\dot{d} \lambda(\lambda a \gamma \hat{\eta} s)$ is right, a figure corresponding to the usual кó $\lambda \lambda \nu \beta$ os of about $\frac{1}{60}$ would be expected. If the beginning
of the next line also refers to the naubion， 2 I drachmae remain to be accounted for at the end of 1.25 ．

26．Cf．the preceding note．It is not certain that the column ends here．［．．］v（ ） can be another place－name，or［／］$\Gamma \sigma \kappa \alpha$ is possible．With the latter reading $\hat{\omega} \nu(\delta \rho$ ．）$\eta[$ might be a conversion of copper into silver ；but the usual rate of exchange of copper drachmae was $300: 1$ where the naubion was concerned，so that a rate of about 400 ： 1 is not very suitable，and ait，not $\hat{\dot{\omega}} \nu$ ，would rather be expected，if a conversion is meant．

36．ồ $\mathfrak{\jmath} \lambda \lambda a \gamma \eta \dot{\eta}: ~ c f . ~ 1437 . ~ i n t . ~$

## 1435．TAXATION－RETURN CONCERNING PaStOPHORI．

$$
18.3 \times 29.9 \mathrm{~cm} . \quad \text { A. D. } 147 .
$$

The recto of this papyrus contains part of apparently the last two columns of a very carefully written return addressed by tax－collectors or tax－farmers
 $\gamma \rho a \mu$ ．）conccrning payments by $\pi a \sigma \tau о ф о$ оо, who belonged to the lower ranks of the priesthood．The two entries which are preserved in Col．i and the entry immediately preceding，which is included in the total in 1.5 ，uniformly recorded payments of 4 drachmae for the main tax and $I \frac{1}{2}$ obols for $\pi \rho \sigma \sigma \delta \iota \alpha \gamma a \phi o ́ \mu \in \nu a$ ，but owing to the uncertainty attaching to the termination of $i \pi \epsilon \grave{\rho} i \epsilon \rho[0 \hat{v}]$ in 1.6 ，and the ambiguity of $\dot{v} \pi \epsilon \rho$ ，it is not clear what the precise title of the impost was，or even whether it was stated at all．That it was connected with the $\tau \in ⿱ 亠 䒑 𧰨 \lambda o s ~ i \epsilon \rho o \hat{v}$ in P．Fay．39． 2 or $i \epsilon] \rho \hat{\nu} \nu$ in P．Fay． 42 （a）．ii．10，or the early Ptolemaic фó $\rho o s$ i $\epsilon \rho \hat{\omega} v$ is not unlikely，but other obscure payments，$i \in \rho a \tau(\iota) \kappa(\hat{\omega} \nu) \underset{\varrho}{\pi}!t()$ and $\hat{\delta} \omega(\quad)$ $i \in \rho \in v \tau \iota \kappa \widehat{\varrho}(\nu)$ are also known ；cf．P．Tebt．354．23，n．，Otto，Priester und Tempcl， i． 364 ．In any case the impost was levied upon priests，whether for the benefit
 Apollo（i．e．Horus）at the Oxyrhynchite village of Teïs（cf．1436．int．），the other to a temple of an unknown deity，Saphthis，at a village which was in the Arabian nome（ $11.8-10, n$ ．）．The sums due are stated first，being followed by the dates of the payments to a bank ；but the second set of entries seems to have been written at the same time as the first，the papyrus being a fair copy，not like P．Ryl． 188 ，in which the second set of entries was inserted later．Col．ii，of which only the beginnings of lines are preserved，belongs apparently to a summary， carrying over arrears to a future account，and below l． 19 is a considerable blank space，indicating the end of the document．The reign was that of Antoninus（1．18）， and the year the 1oth（1．4）．A different taxing－account on the verso（1436）was written in the 17 th（or 19th）and 20th years of the same reign．

Col. i.
[ ] $\psi \varphi \beta$

 $(\dot{\eta} \mu \omega \omega \beta \dot{\lambda} \lambda \iota o \nu), /(\delta \rho.) \delta[(\dot{\beta} \beta)].(\dot{\eta} \mu \omega \omega \beta$.).

$(\dot{\eta} \mu \omega \omega$.) , $/[(\delta \rho).] \delta(\dot{o} \beta).(\dot{\eta} \mu \omega \omega \beta).$.






 $(\dot{\eta} \mu \omega \beta),. /\left(\delta \rho_{0}\right) \delta(\stackrel{\circ}{\beta}).(\dot{\eta} \mu \omega \beta$. $)$.

Col. ii.

10. ( $\left.\partial \beta_{0} \lambda o ́ s\right)$ after $\pi \rho(o \sigma \delta$.$) corr. from ( \delta v o \beta_{o} \lambda o i$ ).
i. ' 792 .

Plenis son of Phthomonthes son of Papontos, pastophorus of the temple of Apollo, the most great god, at the village of Teïs, 4 drachmae, for extra payments $1 \frac{1}{2}$ obols, total 4 dr. $1 \frac{1}{2}$ ob. Paid to the bank in the roth year, Pachon, the aforesaid 4 dr., for extra payments $\mathrm{r} \frac{1}{2}$ ob., total 4 dr . $\frac{1}{2} \mathrm{ob}$. Total of these also 8 dr ., for extra payments 3 ob., total 8 dr .3 ob . Another pastophorus having declared to us that he had paid for his temple the sum entered below next to his name, which you will hold subject to a corresponding (?) levy by the basilicogrammateus of the upper district of Arabia, Pasaphthis son of Pasaphthis son of Psenmonthes, pastophorus of the temple of Saphthis at the village of . . . psamis 4 dr .,
for extra payments $I \frac{1}{2}$ ob., total 4 dr. $\frac{1}{2}$ ob. Paid to the bank in the 1oth year, Epeiph, the aforesaid 4 dr , for extra payments $\frac{1}{2}$ ob., total 4 dr . $\frac{1}{2}$ ob.'



8-ro. इápets occurs as a Mendesian village in P. Ryl. 215 . 2, but is not otherwise known as the name of a god, while [. . . $\psi$ ámews is not identifiable with any known Oxyrhynchite village. This payment seems to have been made in the Oxyrhynchite nome by an inhabitant of a village in the Arabian nome, the basilicogrammateus being

 administration in the Roman period into two halves, there is no evidence apart from the present passage that a corresponding subdivision existed in the Arabian nome, and ävo $\tau^{\tau} \boldsymbol{\sigma} \pi(\omega \nu)$ need mean no more than the upper toparchy of a homogeneous nome. ton(apxias) is equally possible.

## 1436. Account of Village-taxes.

$$
18.5 \times 29.9 \mathrm{~cm} . \quad \text { A. D. } 153-6
$$

The recto of this papyrus contains 1435, written in the Ioth year of Antoninus. On the verso is most of three columns, with the ends of a few lines of a preceding column, from a series of monthly accounts of sums collected by тра́кторєs à $\rho \gamma v \rho \iota \kappa \bar{\omega} \nu$ for various taxes. The heading in Col. iv, which gives the account of Thoth in the 20th year of Antoninus, shows that the toparchy concerned was that of Thmoisepho, and probably the village in question was Teïs (l. 35, n.), though it is possible that the accounts concerned the whole toparchy. Cols. ii-iii, which are in a different hand, refer to two no doubt consecutive months, of which the second was either Me[cheir] or Me[sore], and with the latter restoration it is tempting to regard these two months as concluding the 19th year and make Cols. iii-iv continuous. But the mentions of arrears of the 16 th year in 11.14 and 27 make it more probable that the year in Cols. ii-iii was the 17 th (cf. the reference to arrears of the 19th year in Col. iv), and if there was an interval of several years between Cols. iii and iv, Me[cheir] is slightly preferable to Me [sore], as being nearer to the 16 th year, though instances of taxes paid more than a year in arrear are not infrequent in papyri.

The names of the taxes collected in the three months are preserved almost entire, but the amounts are in most cases lost. The document was no doubt drawn up either by a public bank or by the $\pi \rho \dot{\text { áкторєs themselves (cf. 1. 34) from }}$ their monthly returns, which are illustrated by 1433. In Cols. ii-iii 11. 4-I7 (and probably 2,3 ), 20-4, 26, 29 (and perhaps $30-2$ where the margin is missing) have two short strokes against them in the margin, indicating a revision of some kind ; cf. 1516 and P. Ryl. 188. int. It is noteworthy that in 1.28 certainly, and perhaps in 11. 30-1, the absence of the marginal strokes coincides with the
omission of the extra charges usually appended to the main sum in the case of the other entries in Cols. ii-iii ; but since 11.6 and 29 provide an instance of a tax which in both cases has strokes against the entry, but in one has no extra charges, the coincidence may be accidental.

Since the extant monthly returns of tax-collectors to the strategus cannot be depended upon as complete statements of the receipts from a village (cf. 1433. int.), and e.g. in P. Fay. 42 no details are given with regard to the sums paid direct to the bank, 1436 provides a much more comprehensive idea of villagetaxation in the second century. Teïs is mentioned fairly often in Oxyrhynchus papyri and was probably a large village; for it had a temple of Apollo (i. e. Horus) with $\pi \alpha \sigma \tau о \phi$ ópoı (1435. 2), and if the reading of the figures in 1285. I26 is correct, it was one of $\operatorname{six}$ (out of about eighty) villages paying over 1,000 drachmae, while in 1448 it contributed more $\sigma \tau \iota \chi \alpha \rho^{\prime} \iota a$ than the other villages except Dositheou. The items for particular taxes in 1436 are rather high in two cases, the poll-tax ( 1,000 dr. in l. I4 and over 2,000 dr. in 1.27 , both items being arrears of the 16 th year; in 11.8 and 44 the figures are lost) and pig-tax (about 660 dr. in 1.9 and 48 I in 1.25 for the 17 th year, 219 dr . in 1 . I 5 and 17 I in 1.28 for arrears; in 1.47 the figure is missing). The poll-tax was only paid by males from fourteen to sixty years of age, and, to judge by the discovery in numerous Fayûm villages of receipts for poll-tax collected by the $\pi \rho \alpha \dot{\kappa} \tau о \rho \epsilon s$ of the metropolis and the frequent instances in the Oxyrhynchite nome of taxes of the metropolis collected in villages (cf. 1405. 20, n.), there were probably many persons resident at Teïs who paid polltax to the city-collectors at the lower rate of 12 drachmae, not to the villagecollectors at the rate of, probably, 16 (cf. 1. 8, n.) or 20 . Individual payments for pig-tax rarely exceed 2 drachmae (l. $9, n$.), and the whole evidence regarding Teïs suggests that it contained several thousand inhabitants.

Besides the poll-tax and pig-tax there are during the three months fifteen different heads of taxation, several of them repeated, ranging from 226 to less than 4 dr . ; but even if the accounts of a whole year had been preserved, the number of taxes is likely to have been smaller than in P. Fay. 42 (a), an incomplete list of taxes in arrear at the Arsinoïte village of Pharbaetha in the late second century, containing at least twenty-eight items, apart from the taxes on the verso, which were $\pi \alpha \rho^{\prime} \notin \pi \iota \tau \eta \rho \eta \tau a i ̂ s$, and a considerable number lost. Whether P. Ryl. 213 (late second century), a long taxing-list of payments by villages in the Mendesian nome, is to be explained on the analogy of P. Fay. $42(\alpha)$ as a list of arrears is now in the light of 1436 more doubtful ; cf. 1.18 , n. Of the monthly totals in 1436 only one is preserved ( $1.33,3,640 \mathrm{dr}$.), about $\frac{2}{3}$ being arrears of poll-tax, for which no payments on account of the current year are recorded in that month. The items of arrears in Cols. ii-iii are fewer than the items referring to the current
year, but the reverse is the case in Col. iv, and there was obviously much irregularity in the times of collection, as is also indicated by e.g. the returns to strategi (1433. int.). Details concerning the taxes, of which those for a vicarius
 uncertain character (1.50), are new, are discussed in the commentary.

Col. ii.

```
    [\alpha}\rho\iota0(\mu\eta|\sigma\epsilon\omegas)T\hat{v}\beta\iota(?)\cdot ] 
```



```
    [\beta]![k\alpha(\rhoíov) (\delta\rho.) .., ]
```




```
    \nu\alpha[v(\betaíov) (\delta\rho.) .., \pi\rho(o\sigma\delta.) (\delta\rho.)] \eta (\tauр\iota\omegá\betaо\lambdaо\nu ?),
    \sigmav(\mu\betao\lambda\iotaко\hat{v}) [(\delta\rho.)..,\pi\rho(o\sigma\delta.)] (\delta\rho.) 人 (oß\betao\lambdaòs) (\grave{\eta}\mu\iota\omega\beta.),
    \lambda\alphao(\gamma\rho\alphaфías) [(\delta\rho.)...] (\tau\epsilon\tau\rho\omegá\beta. ?),
    v\iotak(\etaेs) (\delta\rho.) [X . }\pi\rho(o\sigma\delta.) (\delta\rho.)] 05 (\tau\epsilon\tau\rho\omegáß.)
10 \epsiloṅ\pi\alpha\rhoоv(\rhoíou) (\delta\rho.) \sigma,\pi\rho(o\sigma\delta.) (\delta\rho.) \iota\zeta,
```



```
    \mu\epsilon\rho\iota\sigma\mu(ov) \epsiloń\rho\eta\mu(oфv\lambda\alphaкías) (\delta\rho.) \mu\epsilon (\tau\in\tauр\omegá\beta.) (\eta`\mu\iota\omega\beta.),
    ov`\sigmal(\alphaкоv̂) фо́(\rhoov) \pi\alpha\rho\alpha\delta(\epsiloní\sigma\omega\nu) к (\pi\epsilon\nu\tau\epsilon'\beta.) [.
    \iota\varsigma ('̈тous) \lambda\alphao(\gamma\rho\alphaфí\alphas) (\delta\rho.) 'A,
```



```
    \epsiloṅ\pi\alpha\rhoоv(рíov) [(\delta\rho.)..,
    \sigma\pi(ov\delta\tilde{\eta}s)}\Delta\iotao\nuv́(\sigmaov) [(\delta\rho.) . .,
        /\tau\hat{\eta}(s)\delta\iota(\alpha\gamma\rho\alpha\phi}\hat{\eta}s)[(\delta\rho.) ...
```

Col. iii.
$\dot{\alpha} \rho \iota \theta(\mu \dot{\eta} \sigma \epsilon \omega s) M \epsilon[\chi \epsilon i ́ \rho ?$.

ßıк $(\rho i ́ o v) \quad[(\delta \rho.) \cdot .$,
$\mu \in \rho \iota \sigma \mu(o \hat{v})$ є́ $\rho \eta(\mu \circ \phi v \lambda \alpha \kappa i \alpha s)$ [( $\delta \rho.) . .$,
$\dot{v} \pi о \kappa(\epsilon \iota \mu \epsilon ́ \nu \omega \nu)$ є́ $\gamma \lambda 0 \gamma \iota(\sigma \tau \epsilon i ́ \alpha)[(\delta \rho.) . .$,
idíou $\lambda o ́ \gamma o(v) \delta_{!}(\grave{\alpha}) \mu \cdot v()[(\delta \rho.) . .$,
${ }_{2} 5 \dot{v} \iota \kappa(\hat{\eta} s)$
( $\delta \rho). v \pi \alpha(\tau \rho \iota \omega \beta$. ?) $\chi(\alpha \lambda \kappa o \hat{\imath}) \beta, \pi \rho(o \sigma \delta).(\delta \rho.) \nu \epsilon$
( $\delta v o \beta$.) ( $\grave{\eta} \mu \iota \beta$.) $\chi(\alpha \lambda$.) $\beta$,
' $\pi \alpha \rho o u(\rho i ́ o v)$
$(\delta \rho.) \rho,\left[\pi \rho\left(\circ \sigma \delta_{.}\right)(\delta \rho).\right] \eta\left(\tau \rho \omega \omega^{\beta}.\right) \cdot$

```
    \iota\zeta ('゙̈TOUS) \lambda\alphao\gamma(\rho\alphaфí\alphas) (\delta\rho.) 'B.[.]\zeta!,
    vं\iotak(\hat{\eta}s) (\delta\rho.) \rhoо\alpha (\deltavo\beta.) X(\alpha\lambda.) \beta,
    \nu\alphav(\betaíov) (\delta\rho.) \sigmaкร \chi(\alpha\lambda.) \beta,
3\circ\sigmav(\mu\betaо\lambda\iotaко\hat{v})
    \epsilon}\pi\alpha\rho\rhoоv(\rhoíov) (\delta\rho.)\gamma (\tau\in\tau\rho\omegá\beta.)
    \sigma\pi(ov\delta\hat{\eta}s) \Delta\iotaovv́(\sigmaov) (\delta\rho.) \iotaร, \pi\rho(o\sigma\delta.) a (\deltavo\beta.) \chi(\alpha\lambda.) \beta,
        \tau\hat{\eta}(s) \deltal(\alpha\gamma\rho\alpha\phi\hat{\eta}s) (\delta\rho.) 'TX }\mp@subsup{\}{}{\prime}
```

Col. iv.
2nd hand $\kappa \in \phi \alpha ́ \lambda \alpha \iota \alpha$ סıu[ $\gamma] \rho[\alpha \phi \hat{\omega} \nu$ סıà $\pi \rho \alpha \kappa \tau o ́ \rho \omega \nu$

 $\epsilon \in \sigma \tau \iota \delta^{\prime}$.
$\dot{\alpha} \rho \iota \theta(\mu \dot{\eta} \sigma \epsilon \omega s) \Theta \dot{\omega} \theta$.

40 亿ıкарío $[(\delta \rho$.$) ..,$
$\mu \epsilon \rho \iota \sigma \mu(0 \hat{v}) \epsilon \epsilon_{\rho} \rho \mu(\circ \phi \nu \lambda \alpha \kappa i \alpha s)[(\delta \rho.) . .$,
ovं $\sigma L \alpha(\kappa 0 \hat{v}) \phi o ́(\rho o v) \pi \alpha \rho \alpha \delta(\epsilon i ́ \sigma \omega \nu)[(\delta \rho.) \ldots$

$\lambda \alpha o \gamma \rho \alpha(\phi i ́ a s) \quad[(\delta \rho.) \ldots$...,


$\dot{v} \ell \kappa(\hat{\eta} s) \quad\left[\left(\delta \rho_{\rho}\right) \ldots\right.$,
${ }_{\epsilon}^{\epsilon} \pi \alpha \rho o v(\rho i ́ o v) \quad(\delta \rho) ~. i \beta$ ( $\left.\delta v o \beta.\right)[$,
$\sigma \pi(o v \delta \hat{\eta} s) \Delta \iota o \nu v(\sigma o v)(\delta \rho).[.$.
$50 \tau \mu(\hat{\eta} s) \dot{v} \pi \underline{a}[\cdot] \lambda[\quad(\delta \rho) ..$.
 28. a of poa corr. 29. $\nu$ of $\nu a v$ (अiov) corr.
' Reckoning of Tubi. Third on baths .., vicarius .., tax on trades .., extra payments . . 2 chalci, linen-tax .., extra payments .. $5 \frac{1}{2}$ obols, naubion ., extra payments 8 dr. 3 ob., receipts-tax . ., extra payments I dr. $\mathrm{I} \frac{1}{2}$ ob., poll-tax .4 ob. (?), pig-tax $6[.$.$] dr., extra$ payments 76 dr .4 ob., acreage-tax 200 dr ., extra payments 17 dr ., libation 40 dr. , extra payments $3 \mathrm{dr} .2 \frac{1}{2}$ ob., desert-guards' rate 45 dr . $4 \frac{1}{2}$ ob., rent of gardens in the Imperial estates 20 dr . 50 ob .; 16 th year poll-tax $1,000 \mathrm{dr}$., pig-tax 219 dr ., extra payments . ., acreage-tax .., libation to Dionysus ..; total of the payment . . .

Reckoning of Mecheir. Third on baths 8 dr., vicarius . ., desert-guards' rate . ., dues to the office of eclogistes... for the idiologus..., pig-tax 48 I dr. 3 ob. 2 chal.,
extra payments $55 \mathrm{dr} .2 \frac{1}{2}$ ob． 2 chal．，acreage－tax 100 dr ．，extra payments 8 dr .3 ob ．； 16th year，poll－tax $2[. .]_{7}$ dr．，pig－tax 171 dr． 2 ob． 2 chal．，naubion 226 dr． 2 chal．， receipts－tax 41 dr． 4 ob．，acreage－tax 3 dr． 4 ob．，libation to Dionysus 16 dr ．，extra payments 1 dr． 2 ob． 2 chal．；total of the payment $3,640 \mathrm{dr}$ ．

Totals of sums paid through the collectors of money－taxes for the Thmoisepho toparchy， Teïs district，in the present 20 th year of Antoninus the lord，as follows．Reckoning of Thoth． 2oth year，third on baths 8 dr .5 ob．，vicarius＇．．，desert－guards＇rate ．．，rent of gardens in the Imperial estates ．．；19th year，desert－guards rate ．．，poll－tax ．．，rent of unproductive land．．．，land in the Imperial estates ．．，pig－tax ．．，acreage－tax 12 dr． 2 ob．，libation to Dionysus ．．，value of ．．．＇

1－3．Cf．ll．19－21，nn．and 38－40．
4．$\chi^{\iota}(\rho \omega \nu \mu \xi i o v)$ ：cf． 1432 ．int．and $5, \mathrm{n}$ ．
5．$\dot{\partial} \theta[\stackrel{\circ}{\circ}(\imath \eta p \hat{\beta} s):$ cf．1414．int．，1428．4，1438．int．
6．va $v($（Biov $)$ ：cf．1409． 20 ，1427．3，1434．${ }^{2}$ 5，nn．，P．Ryl．ii，pp． 243 sqq．It was generally paid in copper drachmae at the rate of 300 for a silver drachma，with extra payments of about $\frac{1}{10}$ and a charge for кó⿱亠乂$\lambda \nu \beta$（＇exchange＇）of $\frac{1}{60}$ ，but e．g．in P．Fay． 4 I． ii． 12 the payments were in silver．In 1.29 there are no extra payments．

7．$\sigma v(\mu \beta \circ \lambda \iota \kappa o v)$ ：for this resolution cf．P．Tebt．298．$\sigma_{3} \sigma v \mu \beta \beta o \lambda[l] \kappa o v .{ }^{\top} \sigma v(\mu \beta o ́ \lambda o v)$ ， which occurs written out in e．g．P．Brit．Mus．372．9， 17 （P．Tebt．ii，p．340）and P．Ghent verso（P．Ryl．ii，p． 42 I ），can be substituted where only one receipt is in question，and $\sigma v(\mu \beta o ́ \lambda \omega \nu)$ might be read here．The plural $\sigma v \mu \beta o \lambda c k a ́$ is not found written out，but very likely occurred in e．g．B．G．U．2I9．8．The evidence for this charge for giving a receipt is collected in P．Tebt．295．12，n．Extra payments occur here，but not in l． 30 ．

8．$\lambda a 0(\gamma \rho a \phi i a s)$ ：cf．int．The rate of the poll－tax varied considerably in the different metropoleis， 20 drachmae a year being normally paid at Arsinoë（P．Tebt．306．int．），where 40 dr ．were paid by some classes（Wilcken，Grundz．189）and 8 by others（P．Tebt．354．int．）， 16 at Tentyra（Milne，Archiv，vi．127）， 12 at Oxyrhynchus（e．g．1452．19）， 8 at Hermo－ polis（P．Ryl．193．3，n．）and Memphis（P．Flor．12）．Concerning the rate of the tax in villages much less is known．In those of the Arsinoïte nome rates of $40 \mathrm{dr} ., 22 \mathrm{dr} .4$ obols， 20， 16 ，and 12 dr ．occur（P．Tebt．306．int．），but apart from the payment of 16 dr ．at Nebo （1438．18），which is not certainly Oxyrhynchite，there is no evidence yet for daoppapia in the villages of that nome．In the Arsinoite receipts io obols are usually charged for extra payments，besides a charge for $\sigma \dot{v} \mu \beta \quad \lambda a$ ，but no $\pi \rho \circ \sigma \delta \iota a \gamma \rho a \phi \dot{\rho} \mu \boldsymbol{\nu} a$ occur in l． 14 nor， probably，here．

9．$i \iota k\left(\eta_{s}\right)$ ：for the pig－tax，which is often mentioned in Oxyrhynchus papyri，see P．Ryl．193．4，n．，1516． $2,5,1518.7,1520.6$ ．About I drachma 4 obols is so common a payment that this may well have been the tax on one or two pigs．The sum lost is likely to have been about 660 dr ．，to judge by the relation of the extra payments to the main sum for íкๆ in 1． 25 （nearly $\frac{1}{9}$ ）．Elsewhere $\dot{v} \iota \kappa \mathfrak{\eta}$ generally occurs without extra payments（but I ob．for $\pi \rho \sigma \sigma \delta$ ．on I dr． $4 \frac{1}{2}$ ob．for $\dot{u} \kappa k \eta$ is found in 574），and in 1.28 they are not recorded； but that may be due to inadvertence，the line having no marginal strokes against it ；cf．int． In l． 15 the occurrence of extra payments is uncertain．

10．$\dot{\epsilon} \pi a \rho o v(\rho i o v)$ ：on this land－tax upon vine and garden land in addition to the $\gamma \in \omega-$ $\mu \in \tau$ ía see 1283． 13 ，in．，and P．Ryl．ii，pp．${ }^{2} 43$ sqq．In P．Brit．Mus． 195 and $37+$ the rate is 6 dr． 4 ob．per arura，equivalent to 2，000 copper dr．，which is a common rate in Roman times elsewhere，though examples of 1,000 copper $d r$ ．per arura also occur．The payment of 3 dr .4 ob．for émap．in 1． 3 r therefore probably represents the tax on $\frac{1}{2}$ or 1 arurd．The
 was just over $\frac{1}{12}$ ，while in l． 3 I no $\pi \rho o \sigma \delta$ ．are recorded and in l．i 6 the details are lost．
II. $\sigma \pi o v \delta(\bar{\eta} s)$ : in ll. 17 and $32 \sigma \pi$. $\Delta \iota v v(\sigma o v)$, for which see 1283. 17, n., P. Ryl. ii, p. 422 and 216.128 , n. It was apparently a tax of 8 dr . per aroura on ${ }_{a} \mu \pi \epsilon \lambda \omega \bar{\omega} \epsilon \mathrm{~s}$, and, though probably devoted originally to religious purposes, was paid in Roman times to the
 $\mu \in \nu a$ upon $\sigma \pi . \Delta \iota o v$., which here and in $1.3^{2}$ are between $\frac{1}{11}$ and $\frac{1}{12}$, are not found elsewhere, but $\pi \rho \circ \sigma \delta \delta$. upon the òктádिах $\mu$ os occur in P. Ryl. 216.
12. $\mu \epsilon \rho \iota \sigma \mu(o \hat{v}) \dot{\epsilon} \rho \eta \mu$ (oфvлaкius) : cf. 11. 22, 4 I , and 43. On this tax for the maintenance of desert-guards see P. Fay. p. 196, Wilcken, Grundz. 19 I. Numerous instances show that it was paid at the $\pi$ údaı together with the octroi-duties (cf. 1439-40), but here the use of the term $\mu \epsilon \rho \iota \sigma \mu o ́ s$ indicates that it was levied as a rate per capita (cf. Wilcken, Ost. i. 256), not as in the Arsinoïte nome. Elsewhere it was generally collected by tax-farmers, not тра́кторєя.
 different, being more comprehensive. '́óád $\eta$ in papyri often means land simply (e. g. $\sigma \iota \tau \iota \kappa \grave{a}$
 land belonging to the patrimonium of the Emperors, see Wilcken, Grundz. 298 sqq., and cf. 1434. 20.
17. $\sigma \pi(o v \delta \bar{\eta} s) \Delta o v u ́(\sigma o v): c f .1$. i I, n.
 $\pi \rho a к т о \rho i a s ~ i n ~ P . ~ R y l . ~ 213, ~ w h e r e ~ t h e ~ r e c e i p t s ~ a r e ~ c l a s s i f i e d ~ u n d e r ~ t h e ~ h e a d i n g s ~ \delta o o i k \eta \sigma t s, ~$ iєparıк⿱㇒́, and $\epsilon^{\prime \prime} \dot{\imath} \eta$, as in P. Fay. 42 (a). That distinction is ignored in 1436 ; for $\dot{v} \iota \kappa \mathfrak{\eta}$, which belongs to the eiol $\eta$ category in P. Ryl. 213 , occurs along with $\lambda a o \gamma p a \phi i a$, which belongs to the $\delta$ toiknots. Local usage no doubt varied as to the observance of this distinction; cf.

 some of the features which led the editors of P. Ryl. 213 to refer that papyrus to arrears are traceable in 1436. Here too there seems to be no regular principle of assessment from month to month, and considerable fluctuations occur, while several taxes of which a mention would be expected, e. g. $\chi \omega \mu a \tau \iota \kappa$ óv and à $\pi \delta \dot{\mu} \boldsymbol{\iota} \rho a$, are absent. The great variety of taxation in different nomes is well illustrated by a comparison of the lists in (I) 1436 ( 17 taxes), (2) P. Ryl. 213 (about 42, but not more than 20 in the same village), and (3) P. Fay. 42 (a) (about 28). (1) and (2) have only five in common, (1) and (3) two, (2) and (3) three or four. That P. Ryl. 213 is to be classed with 1436 rather than with P. Fay. $4^{2}(a)$ is not improbable.
19. $M \epsilon[\chi \epsilon i \rho$ is preferable to $M \epsilon[\sigma o \rho \eta$ : cf. int.
20. The трín $\beta a \lambda a v e i \omega \nu$ (cf. l. 39), which was distinct from the ordinary tax called
 a charge of $\frac{1}{3}$ on the profits of privately-owned baths, and has occurred in the third century в. с. (P. Hibeh ir6. int.), but in Roman papyri only in P. Ryl. 213.474.

 in 161 gives a receipt to the elders of Socnopaei Nesus for $443 \frac{1}{2}$ drachmae for $\phi$ ípos $\pi \rho \circ \beta i ́ \tau \omega \nu$ paid by them. Probably here too the vicarius was engaged in tax-collecting.
 Өрштa: cf. 1445. 9) in relation to the offices of epistrategus, basilicogrammateus, and

 perhaps of Xєוpఉyágıv upon bakers, in P. Ryl. 167.2 I. This impost for the support of the $\epsilon$ ék who examined the revenue-accounts; cf. Wilcken, Grundz. 208, P. Ryl. 83. I8, n. That
papyrus shows that they belonged to the department of the " $\delta \boldsymbol{\delta}$ os $\lambda$ óyos, which is mentioned in the next line here.
24. iôiov $\lambda_{o ́} \gamma_{o}(v) \delta_{\iota}(\dot{a}) \mu \cdot v(\quad): \delta_{\iota}(\dot{a}) \mu \epsilon(\rho \iota \sigma \mu o \hat{v})$ or $\hat{\delta} \mu \epsilon(\rho \iota \sigma \mu \circ \hat{v})$ does not suit this abbreviation, which is very cursively written. The stroke above the line probably represents $v$, so that $\delta \iota a \mu_{0}(\nu \hat{\eta} s)$ is also unsatisfactory.

3 I. Cf. l. 1o, n .
35. Tyis is the only known village in the Thmoisepho toparchy beginning with T and is mentioned on the recto ( $\mathbf{1 4 3 5} .3$ ). That toparchy was probably smaller than the others, and was apparently situated between Oxyrhynchus and the northern (кáto) toparchy ; cf. 1285. 122 and 1421. 3, n. $\tau[\sigma \hat{v} \in \nu \epsilon \sigma \tau \hat{\tau} \tau o s(w i t h ~ \pi \rho a(\kappa \tau o ́ \rho \omega \nu)$ in l. 34) is possible, in which case the sums refer to the whole toparchy; but this is less likely.
45. фó(pov) ímo入óoov: the imónoyov, i. e. unproductive land (cf. P. Tebt. i, p. 540), sometimes yielded a reduced rent ; cf. Rostowzew, Röm. Kolonat. I 7 I sqq. In P. Tebt. 336. 8 $\pi \rho o ́ \sigma o \delta o \iota ~ \dot{v} \pi(o \lambda o ́ \gamma o v)$ in corn are mentioned, but $\dot{i} \pi(a \rho \chi \dot{v} \nu \tau \omega \nu)$ is there possible.
46. Cf. I. I3, n.
50. $i \pi a[.] \lambda[: i \pi \sigma[] a.[$ can be read. The title of the impost is in any case new. $\tau \iota \mu \hat{\eta} s$ $\chi^{\lambda} \omega \rho \bar{\omega} \nu$ occurs in 1046. I .

## 1437. Account of Hieratic Taxes.

$$
14.2 \times \mathrm{I} 4.5 \mathrm{~cm} . \quad \text { About A. D. } 208
$$

A fragment of an account of money-taxes at an unnamed village. Onc section (1l. 2-IO) is nearly complete, and gives the totals collected for (1) $\dot{\alpha} \pi o ́ \mu o \iota \rho a$, (2) $i \in \rho a ̀ \gamma \hat{\eta}$, i. e. rent of temple-land, in the 16 th year of a reign which can hardly be any other than that of Septimius Severus and his sons, the reigns of Marcus Aurelius and Gallienus being unsuitable on palaeographical grounds. The $\grave{\alpha} \pi o ́ \mu o \iota \rho a$, originally an inıpost of $\frac{1}{6}$ or $\frac{1}{10}$ upon the produce of vine and garden land for the benefit of the temples, was diverted by Ptolemy Philadelphus to the cult of Arsinoë (cf. P. Rev. Laws xxiv-xxxvii). In the Roman period it belonged normally to the iєpuтiкá department of taxation (P. Ryl. ii, p. 297 ; in the case of $\gamma \hat{\eta} \lambda \iota \mu \nu \iota \tau \iota \kappa \eta$ it was included under $\delta \iota o i к \eta \sigma \iota \varsigma)$, and as it is here coupled with iєpà $\gamma \tilde{\eta}$, the fragment perhaps belongs to a general report by $\pi \rho a ́ \kappa \tau о \rho \in s$ or a bank upon the taxation of one or more villages, arranged according to the usual classification of taxes under the headings $\delta \iota o$ íк $\quad \sigma \iota s$, iєратька́, and єiò $\eta$; cf. 1436. 18 , n . The payments for the two classes of $\dot{\alpha} \pi \boldsymbol{m}^{\prime} \mu \circ \iota \rho a$ are subdivided into those $\hat{\omega} \nu \dot{a} \lambda \lambda a \gamma \dot{\eta}$ (cf. 1434.36) and those iбovó ${ }^{2}$ ov, an unusual survival of Ptolemaic cxpressions, on which see P. Tebt. i, p. 599 and, with regard to the $\dot{\alpha} \pi \rho^{\prime} \mu \circ \iota \rho a$ in particular, P. Hibeh 109. 5-6, n. The figures relating to vinc-land are not preserved; the rate of the tax upon garden-land was approximately $12 \frac{1}{2}$ silver drachmae per arura where an agio was charged, and $I \frac{1}{2}$ where copper was accepted at par. These rates are more than double those found in earlier papyri for $\alpha \pi o ́ \mu o t \rho \alpha$ upon garden-land; cf. 11. 2-3, 11. The difference between the rates $\hat{\omega} \nu \dot{a} \lambda \lambda a \gamma \eta$ and $i \sigma o \nu \check{\mu} \mu o v$ was only 6 per cent.; cf. B. G. U. 915. 2 (about A. D. IOO),
where Idr．$\frac{1}{2}$ ob．are paid for $\grave{\alpha} \lambda \lambda a \gamma \eta^{\prime}$ upon I2 $\frac{1}{2}$ dr．for $\dot{\alpha} \pi o ́ \mu$ ．，a charge of just over 8 per cent．Usually the charge for кó $\lambda \lambda v \beta$ os，when $\grave{\alpha} \pi o ́ \mu$ ．was paid in copper dr．， was about 2 per cent．；cf．P．Ryl．192．IO，n．The rate of exchange naturally varied．At Oxyrhynchus，e．g．in 242，the copper drachma was reckoned as $\frac{1}{450}$ of a silver dr．；but $\frac{1}{3} \frac{1}{0}-0$ was its normal value where this class of tax was concerned（cf．P．Ryl．ii，pp．246－7 and 42 I ），and was probably meant by the
 about 23 per cent．was made on account of a＇difference＇is not clear ；cf．1． $8, n$ ．

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    \gamma(ivov\tau\alphal) [
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                \pi\rho\sigma\sigma\delta(\iota\alpha\gamma\rho\alphaфо\mu\epsilońv\omega\nu) (\delta\rho.) '\Delta\rho \chi(\alpha\lambdaко仑̂s) a ?,
    \hat{@}[\nu \sigma\grave{v}\nu \delta\iota\alphaфó(\rhoo\iotas) (\delta\rho.) '\Gamma\rho\nu0 (\deltavo\beta.) ?,
    i\sigmaovó\muov (\alphǎ\rhoovр\alpha\iota) [. . . .....] (\tau\alphá\lambda.) [. (\delta\rho.) . ..,
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        \betaé\lambda\iotaov) \chi(\alpha\lambda.) \alpha,
    i\sigmao\nuó\muov (<̈\rho.) \iota\delta\mp@subsup{\delta}{}{\prime}\iota\varsigma\xi\delta (\delta\rho.) \sigma\alpha (ò\betao\lambdaòs) \chi(\alpha\lambda.) \alpha.
    \gamma(i\nuо\nu\tau\alpha\iota) \dot{\alpha\pio\mu(oíp\alphas) (\tau\alphá\lambda.) \eta (\delta\rho.) \sigma\iota\gamma (\tau\epsilon\tau\rho\omegá\beta.) \chi(\alpha\lambda.) \beta}\mathrm{ 人,}
    \pi\rhoо\sigma\delta(\iota\alpha\gamma\rho\alphaфо\mu\epsilońv\omega\nu)(\delta\rho.) '\Delta\rho \chi(\alpha\lambda.) \alpha, \hat{\omega\nu}\sigma⿱亠v
        (\deltavo\beta.),
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    \chi(\alpha\lambda.) \gamma, / (\delta\rho.) }\mp@subsup{\uparrow}{}{\mu}(\tau\epsilon\tau\rho\omega\overline{\beta}.) \chi(\alpha\lambda.) \alpha.
    \gamma(ivov\tau\alpha\iota) '&[\pi(i \tauò \alphaủ\tauò) (\tau\alphá\lambda.) \eta] (\delta\rho.) '\Delta\tau\imath\gamma (\tau\epsilon\tau\rho\omegá\beta.) \chi(\alpha\lambda.) \gamma.
    [2\sigma letters (\delta\rho.). .]l\epsilon (\delta\nuo\beta.) (\eta\mu\nu\omega\beta.)
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＇I6th year．Vine－land upon which an agio is charged ．．．arurae，．talents ．．．drachmae，for extra payments $4,100 \mathrm{dr}$ ．I chalcus（？），making with the difference 3， 59 dr． 2 obols（？）：vine－land at par ．．ar．，．tal．．．．dr．Garden－land upon which an agio is charged $60 \frac{165}{512} \mathrm{ar}$ ．， 75 I dr． $2 \frac{1}{2} \mathrm{ob}$ ．I chal．：garden－land at par $17 \frac{21}{64} \mathrm{ar}$ ．， 20 I dr．I ob． I chal．Total for apomoira 8 tal． 213 dr .4 ob .2 chal．，extra payments $4,100 \mathrm{dr}$ ．I chal．， making with the difference 3,159 dr． 2 ob．Temple－land 885 dr． 2 ob． 2 chal．，extra payments 55 dr． $1 \frac{1}{2}$ ob． 3 chal．；total 940 dr .4 ob． $\mathbf{x}$ chal．Total of the whole 8 tal． $4,313 \mathrm{dr} .4$ ob． 3 chal．＇
 Since no $\pi \rho o \sigma \delta ̊ a \gamma \rho a \phi o ́ \mu \in \nu a$ occur in ll．4－6 and this entry apparently occupied two lines，the details given in 1． 8 are probably to be restored here，especially as $a[\mu \pi \epsilon \lambda(\dot{\omega} \nu \omega \nu)$ is inad－ missible in 1．3．$\dot{\omega}\left[\nu \dot{a} \lambda\left(\lambda a \gamma^{\prime}\right)\right.$ or（äpovpat）［ might be read in place of $\tilde{\omega}[\nu \sigma \dot{v} \nu \delta \operatorname{co\phi } \dot{\prime}(\rho o u s)$ ，and with either of those readings a reference to $\dot{\alpha} \pi \dot{\rho} \mu o \iota \rho a$（cf．1．7）probably followed $\dot{\alpha} \mu \pi \epsilon \lambda(\dot{\omega} \nu \omega \nu)$
in 1． 2 ；but if 1.3 began $\hat{\omega}\left[\nu \dot{a} \lambda\left(\lambda a \gamma^{\prime}\right)\right.$ it ought to have been uniform with ll． 4 sqq．instead of being indented．The objection to introducing a reference to $\pi \rho \sigma \sigma \delta=a y \rho a \phi o ́ \mu \in \nu a$ here is that they do not occur in connexion with the parallel $\pi a \rho a \delta(\epsilon i \sigma \omega \nu) \hat{\omega} \nu \dot{\alpha} \lambda\left(\lambda a \gamma_{n}^{\prime}\right)$ in 1.5 ，and may have been mentioned for the first time in 1．8；but this is less likely ；cf．the calculations
 main sum（cf．P．Ryl．ii，p．245），so that 4,100 dr．for $\pi \rho \circ \sigma \delta$ ．implies 20,500 dr．for àтómotpa．The customary rate of that tax was in the first and second centuries 10 dr ．per
 19）the rate was apparently 3,750 copper dr．（ $12 \frac{1}{2}$ silver）per arura upon both classes（cf． P．Ryl．ii，P．${ }^{2} 50$ ，where 1437 is alluded to in n .5 ），and since $\mathrm{I} 2 \frac{1}{2} \mathrm{dr}$ ．is the charge upon $\pi a \rho a ́ \delta \epsilon \iota \sigma o \iota$ in 1.5 the same rate may be taken for granted in 1.2 upon $\dot{a} \mu \pi \epsilon \lambda \hat{\omega} \nu \epsilon s . \quad 20,500 \mathrm{dr}$ ． would therefore imply 1640 arurae，and perhaps these figures should be restored in l． 2 ； but the entries before 1． 2 may have also referred to ámópoь a，though in a different year（cf． e．g．1436），and in that case the $4,100 \mathrm{dr}$ ．in 1.8 are the sum of several items，of which 11．2－3 are only one．

5．$\chi$（a入кouvs）$a$ ：it has been sometimes supposed that the lowest denomination of the coinage at this period was the $\delta i \chi$ алкор（cf．P．Ryl．192．ro，n．）；but i chalcus also occurs in 11．8－9，so that it presumably was represented by a coin，though perhaps an old one．

8．$\pi \rho \circ \sigma \delta \iota a \gamma \rho a \phi \dot{\mu} \mu \boldsymbol{\nu}$ were often connected with an agio on payments in copper（cf． Wilcken，Archiv，iv．146），but special payments for кó入入vßos are usually associated with those for $\dot{\alpha} \pi \dot{\delta} \mu o \iota \rho a$ ．The reduction of the $4,100 \mathrm{dr}$ ．I chal．，which are ignored in the total in l．10，to $3, r_{59} \mathrm{dr} .2 \mathrm{ob}$ ．is inconsistent with the difference between the rate of the tax upon land $\hat{\omega} \nu \dot{d} \dot{\lambda} \lambda a \gamma \dot{\eta}$ and íoovónov（cf．int．）；and the difference here is probably due to other $^{\text {a }}$ causes than a loss owing to the exchange．If our restoration of $11.2-3$ is correct，the
 a reference to a difference on exchange would be quite intelligible ；but if the stá $\phi o \rho a$ meant only that，the absence of any mention of them both in 1.5 with $\pi a \rho a \delta(\epsilon i \sigma \omega \nu) \hat{\omega} \nu \dot{a} \lambda(\lambda a \gamma \dot{\eta})$ and in 1．7，the total for ${ }^{\text {a }} \boldsymbol{0} \boldsymbol{\prime} \mu \boldsymbol{\rho} \rho a$ ，is difficult to explain．It is moreover unsatisfactory to suppose that by $\pi \rho o \sigma \delta . \delta \rho .^{\prime} \Delta \rho \chi(a \lambda$.$) a the writer meant not that actual sum in silver but an amount of$ copper nominally（i．e．at the ratio of $300: 1$ ）equivalent to it．If he had meant copper，he would have been expected to be more explicit．סádopa is used quite vaguely of losses in P．Cairo 10371． 8 （ $=$ W．Chrest．in b），and the word is not in papyri elsewhere specially connected with a difference of exchange，though $\delta \ldots a \circ \rho(a ̂ s)$ $\mu \epsilon \in \rho(\omega \nu)$ occurs in P．Cairo Maspero 67055 ．i．．．

1438．List of Arrears of Taxation．

On the recto of this fragment are parts of two columns of a taxing－return， probably written by a comogrammateus，like 1434．Only the ends of lines of Col．i survive，and of Col．ii the top is much damaged．The return，so far as can be judged，was concerned with arrears．Lines ${ }^{10-1} 3$ give a list of three persons not forthcoming（？），who owed money for the trade－tax on cloth－weavers（1．12，n．）； this is followed by a section in a different hand concerning persons owing sums for various taxes，who had disappeared．The only individual concerning whom details are preserved was one of the three persons already mentioned．That
$N \in \beta \omega$, a new village mentioned in I. I6, was in the Oxyrhynchite nome is not certain; but an identification with N $\alpha \beta o \omega t$, a village in the ' $A \pi o \lambda \lambda \omega \nu o \pi o \lambda$ ít $\eta$ s

 $\grave{\epsilon} \pi \iota \sigma \tau 0 \lambda(\iota \kappa o ́ v$ ?), or new (e.g. l. I9 $\mathfrak{\varepsilon} \xi \alpha \delta \rho \alpha \times \mu i ́ a ~ o ै \nu \omega \nu$, l. I $8 \lambda \epsilon \mu \lambda()$, and those in 11. 2I-2). The collective classification of them as $\dot{\epsilon} \pi \iota \kappa \epsilon \phi \dot{\alpha} \lambda \iota a$, i. e. taxes levied por capita (1. 14, n.) is interesting, for that word has hitherto been misunderstood. $\dot{\epsilon} \pi \iota \kappa \epsilon \phi a \lambda()$ also occurs twice in the upper part of Col. ii, of which one line
 in P. Ryl. 214. 42-3, and 1414. int.). At the ends of lines the extent of the lacuna, which is the same in ll. II-22, is uncertain, but probably does not exceed thirteen letters, and may be much less. Lines II and I8-2I are compatible with a loss of only one or two letters, but in 1 . I4 a participle is required and abbreviation unlikely. The handwriting indicates a late second-century date.

On the verso are the ends of eleven lines, and beginnings of a few more in a second column, from a taxing-list of lands with amounts in arurae and artabae, mentioning $\kappa a \tau \epsilon \xi v \sigma \mu(\epsilon \in \nu \eta)$, for which cf. 1434. 19.

```
Parts of 9 lines.
    10 \Sigma\alpha\rho\alpha\pi\alphá\mu\mu\omega(\nu) \Psió\iota\tauo(s) 'I\nuv́{\rho\iotao(s) 14 letters
    "'A\rho\epsilonto(s) dे\nu0' (o\hat{\jmath})'A\muó!(s) 'A\muó!(\tauos) 'A\pio[\\lambda\lambda\omega(\nuiov)?
        \lambda\iota\nuо\ddot{̈\psiскó\nu}
        o o\nuó}\mu(\alpha\tau\alpha)\gamma а้\sigma\eta(\mu\alpha)
2nd hand к\alphai \alpha}
    15 \epsilonis ả\gamma\nuoov\mú́\nuous тó\pious. [
        N\epsilon\beta\omega,
            \Sigma\alpha\rho\alpha\pi\alphá\alpha\mu\mu\omega\nu \Psi'ó\iotaтos 'I\nuv́pוos . [12 letters
                \lambda\alphao\gamma\rho\alpha(\phií\alphas) (\delta\rho\alpha\chi\mu\alphai) เ5, \lambda\epsilon\mu\lambda() (\tau\rho\iota\omegá\betao\lambdao\nu), \delta\epsilon[\sigma\mu0\phiv\lambda(\alphaкí\alphas)..,
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20 X }\omega\mu\alpha(\tau\iota\kappa0\hat{v})(\delta\rho.) \zeta(\dot{\eta}\mu\iota\omega\beta.), \mu\epsilon\rho\iota\sigma(\muo\hat{v})\delta\iota\pi\lambda(\hat{\omega}\nu)[13 letters
                ''H\rhoак\lambda\epsilon\epsilon\tau\iota\kappa(\hat{\omega}\nu) \zeta\epsilonv\gamma(\hat{\omega}\nu)(\delta\rho.) ![ I 3 letters?
                    'H\lambda\iotaо\pi(о\lambda\iota\tau\iota\kappa\omegaे\nu) (\delta\rho.) . (\tau\epsilon\tau\rho\omegá\beta. ?).
```

II. ‘of $a \mu \circ 1($ ) in both cases corr. from o (?). 12. 1. 入ıvoü申ıкóv. 17. ïvvpıos П.
at Nebo, Sarapammon son of Psois son of Inuris, for poll-tax 16 drachmae, for $\ldots 3$ ob., for prison-guards' tax (?) ..., for the six-drachmae tax on asses 5 dr. I ob., for ... 4 dr., . . . for embankments-tax 7 dr. $\frac{1}{2}$ ob., for the rate for $\delta \iota \pi \lambda \hat{a}$. . ., for Heracleopolite pairs (of loaves ?) г dr. . . ., for Heliopolite . dr. 4(?) ob.'
II. $\dot{a} \nu \theta^{\prime}(o \hat{v})$ : this expression indicates an alternative name; cf. Wilcken, Archiv, iii.
 $\chi \omega \bar{\nu}($ (Tos).

13. $\ddot{u} \sigma \eta(\mu a)$ perhaps has its ordinary sense ' with no distinguishing mark'.



 nisi imperata érıкєфá̀ıa solvere non posse. The word has generally been regarded as

 caused a difficulty ; cf. P. Ryl. 191. 7, n. The present passage indicates that $\boldsymbol{\epsilon}^{\pi} \iota \kappa \kappa \phi$ á̀ıov is more general than é $\pi \iota \kappa \epsilon \phi$ ú入aıo and applies to taxes other than the poll-tax, but like it based on capita. The $\chi \omega \mu$ atıкóv (1.20) was known to have been a tax of this character,
 $\mu \epsilon \rho \iota \sigma(\mu \dot{s}) \delta \iota \pi \lambda(\bar{\omega} \nu)(1.20)$, or most of the new taxes, as levied uniformly, like the poll-tax. In regard to the $\mathfrak{\varepsilon} \xi a \delta \rho a \chi \mu i a{ }^{\circ} \nu \omega \nu(1.19)$ the sum paid creates a difficulty in any case (cf. n.), but this impost was, as its name implies, in origin a tax of 6 drachmae either for each ass or for a licence.
18. $\lambda a o \gamma \rho a(\phi i a s)$ : this is so far the only example of a payment of this tax in an Oxyrhynchite village, if Nebo belongs to that nome ; cf. int. and 1436. 8, n.
$\lambda \epsilon \mu \lambda()$ : the word is unknown and perhaps Egyptian in origin.
$\delta \epsilon[\sigma \mu о \phi \nu \lambda(a \kappa i a s):$ this tax is often coupled with даоурафía and $\chi \omega \mu a \tau \iota \kappa \dot{v} \nu$, e. g. in P. Ryl. 185, 191, Tebt. 354. It was for the maintenance of prison-guards ; cf. the similar payments for $\mu a \gamma \delta \omega \lambda$ офúдakes in e. g. P. Ryl. 19r. 5.
 a stroke over it, followed by the sign for drachmae. The relation of the $\dot{\varepsilon} \xi a \delta p a \chi \mu i a$ to the other known taxes upon asses is not clear. That the amount owing was less than 6 dr . can be explained by supposing that part of the tax had been paid; but the גaoypaфia and $\chi \omega \mu a \tau \iota \kappa$ óv represent the charges for a whole year, and the difference between 6 dr . and 5 dr . I ob. is not likely to be connected with the exchange, for the $\chi \omega \mu a \tau \kappa \alpha{ }_{0}{ }^{2}$ includes the $\pi \rho о \sigma \delta \iota எ \gamma р а ф о ́ \mu \epsilon \nu a ;$ cf. l. 20, n.
 a monthly return by $\pi \rho a ́ k \tau o \rho \epsilon s$, and payments for $\epsilon \pi \iota \sigma \tau o \lambda\left(\right.$ ) ranging from $\frac{1}{2}$ obol 2 chalci to 4 ob . are found in P. Tebt. 355, 54t, 638. a is just possible here in place of $\delta$. The termination of $\dot{\epsilon \pi} \iota \sigma \tau 0 \lambda($ ) has not yet occurred written out, and the meaning of the tax is unknown.
20. $\chi \omega \mu a(\tau \iota \kappa 0 \hat{v}): \omega \mu$ was written very cursively, if those letters were indeed intended, and the $a$ is represented by a flourish: perhaps $\chi \omega(\mu a \tau \iota \kappa o \hat{v})$ should be read. 6 drachmac 4 obols were the usual amount of this tax, but $7 \mathrm{dr} . \frac{1}{2}$ ob. occur in P. Tebt. 353-4, Ryl. 194. 3 (where the $\delta \rho$. are $\rho$ jumapai), and higher rates in Theban ostraca. That the difference was due to the inclusion of $\pi \rho \circ \sigma \delta \delta t a \gamma \rho a \phi \dot{\rho} \mu \epsilon \nu a$, as suggested in P. Tebt. 353 . int., was confirmed by a Strassburg ostracon (Wilcken, Archiv, iv. I46) ; cf. P. Ryl. 194.3, 11.
$\mu \epsilon \rho \iota \sigma(\mu \omega \hat{\nu}) \delta \iota \pi \lambda(\hat{\omega} \nu)$ : cf. Wilcken, Ost. ii. 163-4, P. Ryl. 214.9. Elsewhere the tax is
called $\delta \iota \pi \lambda \hat{\omega} \nu$ simply (e.g. in P. Tebt. 355), except in P. Fay. 53. 6 סam(ávns) $\delta \iota \pi \lambda(\hat{\omega} \nu$ ?). The sums paid for it are small, often less than I drachma. In P. Brit. Mus. 844. 5, 7 (iii. 55) it is coupled with $\pi o \tau(a \mu o) \phi v \lambda(a \kappa i a)$. $\delta \iota \pi \lambda \hat{a}$ are commonly jars of wine, but the meaning here is uncertain.

 Wilcken corrects to $\pi \epsilon \nu \tau a \kappa a \sigma i \omega \nu$, but may be for $\pi \epsilon \nu \tau a \kappa o \sigma i a s$, sc. $\delta \rho a \chi \mu a ́ s)$ occurs in Ost: ii. 1028 ; cf. i. 219 . Wilcken doubtfully interprets $\zeta \epsilon \hat{v} \gamma o s$ as a pair of oxen or a cart, but the
 by $\zeta \epsilon \dot{\gamma} \eta \eta$ in P. Leipzig 57 . In P. Brit. Mus. 1 I 57 (iii. 6I) a tax called $\delta \rho a \chi \mu\left(\hat{\eta}_{s}\right)$ §єv $\mu a \tau \iota \omega \bar{\omega} \nu$ occurs among various imposts on land (cf. 1442. int.), being perhaps concerned with sluices,
 strongly favours the reference to bread.
22. $\zeta \epsilon \omega \gamma(\hat{\omega} \nu)$ is probably to be supplied with ' $\mathrm{H} \lambda \iota o \pi(n \lambda \iota \tau \iota \kappa \bar{\omega} \nu)$; cf. the preceding note. Possibly the lacuna at the end of l. 2 I only contained a sum in obols; cf. int.

## 1439. CuStoms-RECEIPT.

$$
5 \cdot 3 \times 5 \cdot 3 \mathrm{~cm} .
$$

This is the first example from Oxyrhynchus of a class of tax-receipts which is common in Arsinoïte papyri, concerning octroi-dues levied upon traffic across the western desert ; cf. P. Fay. pp. 195 sqq., Wilcken, Ost. i. 354 sqq. and Archiv, ii. I34, P. Ryl. 197. int. The general character of the formula resembles that of the other first and early second century instances, in which $\pi a \rho \in ́ \sigma \chi \eta \kappa \epsilon$ or $\pi a \rho \bar{\eta} \xi \in$ is used in place of the later $\tau \epsilon \tau \epsilon \lambda \omega \nu \eta \tau \alpha \iota$, e. g. P. Brit. Mus. 1265 ; but it is noteworthy that the tax is only $\frac{1}{10} 0$ and is called $\delta \iota a \pi v \lambda i o(v)$, a word which here appears for the first time in a papyrus, whereas the Arsinoïte receipts mention two taxes, of $\frac{1}{100}$ and $\frac{1}{50}$, which are not further specified, $\delta \iota \alpha \dot{\alpha} \pi \lambda^{2} \eta s$ with the name of a village occurring immediately after the verb. In the present case produce was being transported probably from the Small Oasis (where the tax was paid) to Oxyrhynchus rather than vice versa. The Small Oasis was united to the Oxyrhynchite nome for some purposes in the later Roman period; cf. 888. 8
 an inhabitant of the Oasis came under the jurisdiction of the Oxyrhynchite strategus. In other cases the Oasis was more distinct ; cf. 1118.1 (about A. D. 100), which mentions the strategus of the Small Oasis, 1498. 6 (before 299) $\sigma \tau \rho a(\tau \eta \gamma i a)$ 'Oá $\sigma \epsilon \omega s$ (sc. Mıкрâs ?), and 1210. 16 (about A. D. I), where the $[\kappa \omega] \mu о \gamma \rho \alpha[\mu \mu a \tau \epsilon \bar{i}] s$ 'Оá $\sigma \epsilon \omega \varsigma \tau \hat{\eta} s \pi \rho \dot{s} \tau \tau \omega[$ 'O $\xi v \rho v \gamma \chi i ́ \tau \eta \iota$ ? are distinguished from the $\kappa \omega \mu о \gamma \rho$. ' $\mathrm{O} \xi v \rho v \gamma \chi i ́ \tau o v$.
 to the circumstance that none was levied upon traffic between the Oasis and the nome, and in any case a contrast is to be drawn between the éкaroorì $\delta \iota a \pi v \lambda i ́ o v$, which was levied at $\pi v$ vial in the villages bordering on the desert, and the $\pi \epsilon \nu \tau \eta-$

кoбтí on exports and imports, which was levied on traffic by water as well as land, and outside the Arsinoïte nome was collected separately, so far as is known; cf. 1440. int.

The writing is across the fibres, and, as usual, there is a seal, which is undecipherable.



Oи̉є $\epsilon \pi \alpha \sigma \iota \alpha \nu 0 \hat{v}$ то仑̂ кupíov
$5 M[\epsilon] X \epsilon i \rho \dot{\epsilon} \beta \delta \circ \circ \mu \eta$, .

$$
\text { 1. } \rho \text { П. }
$$

' Sarapion has paid the tax of $\frac{1}{100}$ for customs-dues of the Oasis upon one ass-load of barley and one of garlic. The 2nd year of Vespasianus the lord, Mecheir the seventh, 7.'

## 1440. CuSTOMS-RECEIPT.

$$
5.4 \times 8.8 \mathrm{~cm}
$$

A. D. 120.

A receipt, apparently issued by a tax-farmer, for the payment of the duty of $\frac{1}{50}$ levied upon produce exported, probably from the Hermopolite to the Oxyrhynchite nome (cf. 1. 3, n.), by water or land. Corresponding receipts issued
 (cf. Wilcken, Ost. i. 276 sqq.) ; the Arsinoilte $\pi u ́ \lambda \eta$-receipts associate the $\pi \epsilon \nu \tau \eta \kappa 0 \sigma \tau \eta$ with a éкатогт $\eta$, the nature of which is at length cleared up by 1439 ; cf. int.

```
\Pi\rhoо\sigma\beta(\epsilon'\beta\lambda\eta\kappa\epsilon) \pi\epsilon\nu\tau\etaко(\sigma)\tau(\etaे\nu) \tauо\hat{v} 'ُ\nu\epsilon\sigma[\tau\omegaि\tauоS
\pi\epsiloń\mu\piто\nu '̈тous 'A\delta\rhoı\alpha\nuov [Kаí\sigma\alpha\rhoos
```



```
\Sigma\tau\tau\epsilonф\alphávov \tau\hat{\omega}\nu \alphá\piò 'I\beta\iota\omegaि\nuo(s) T\alpha[\nu ? .]\epsilon. [. . .-
5 \rho\epsilon\omegaS \tau\etá\lambda\epsilon\omegaS \alphá\rho\tau\alphá\beta\alpha\Omega \epsiloníко\sigma\iota \pi\epsiloń\ell\tau\epsilon,
```



```
\deltai\alphà To0\hat{\eta}s vo\muoфú\lambda(\alphaкos) Фа\hat{\omegal к\alpha.}
```


'Paid the tax of $\frac{1}{50}$ for the present 5 th year of Hadrianus Caesar the lord on export at the village of Sin . . tape by . . . son of Stephanus, inhabitant of Ibion Tạn . e . . . . reôs,
upon twenty-five artabae of fenugreek, total fen. 25 art. I received the due amount of the tax through Tothes, nomophylax, on Phaophi 2 I.'

1. $\pi \rho \circ \sigma \beta(\epsilon \in \beta \lambda \eta \kappa \epsilon)$ : cf. e.g. P. Amh. 122. I, Ryl. 200. I, 21 7. I. $\pi \rho \rho \sigma \beta\left(o \lambda \eta \eta^{\prime}\right)$, which Preisigke prefers in P. Cairo 10264 ( $=$ his 29), does not so well balance $\mu \epsilon \mu^{\prime} \tau(\rho \eta \tau a \iota)$, which is there used as an alternative, but it is possible here, in which case $\pi \epsilon \nu \tau \eta \kappa o(\sigma) \tau(\hat{\eta} s)$ is to be read. The construction of $11.1-5$ is confused, ápráßas being written as if ' ' $\xi$ á $\gamma \omega \nu$, not
 clear in 11. 6-7.
2. $\Sigma \iota \nu[.] \tau a \pi \dot{\eta}:$ a Hermopolite village $\Sigma \iota \nu a \pi \eta^{\prime}$ is known from P. Cairo Preisigke 8. 9,
 in P. Amh. 126. i2. Several other villages called after ibis-shrines, and generally distinguished by particular names, are known in the Hermopolite, Arsinoïte, Heracleopolite,
 (1442. 2, n.), ' $1 \beta$. 'А $\mu \mu \omega \nu i o v ~\left(492.3\right.$ ), and perhaps another ' ${ }^{\prime} \beta เ \omega \dot{\prime} \nu(158 . ~$ 1, 998, 1071. 5). There is no antecedent probability that the villages in 1440 are Oxyrhynchite, though with the division $\Sigma \iota \nu[.] \tau a \Pi \eta[$. . . the Oxyrhynchite $\Sigma \epsilon v \epsilon \in \pi \tau a$, which was in the middle toparchy (1285. 120), might be meant. That name rather suggests the modern Sandafa on the right bank of the Bahr Yusuf opposite Oxyrhynchus; but if that was the site of $\Sigma \in \nu \in \pi \tau a$, the village would be expected to be more prominent in Oxyrhynchus papyri than it is, and Oxyrhynchus itself was in or bordered upon the western toparchy (cf. 1475. 22, n.). $\quad \Pi_{\eta}[-$ is not at all a common beginning of a personal name in Egypt, and in view of the resemblances between the place-names in 1440 and known Hermopolite villages and the use in I. I of $\pi \rho \sigma \sigma \beta(\epsilon \hat{\epsilon} \beta \lambda \eta \kappa \epsilon)$, which is common in Hermopolite papyri but rare elsewhere, that nome is more likely to be meant than e.g. the Cynopolite. $\Sigma_{i v}[a] \lambda a \beta \dot{\eta}$, a Hermopolite village found in B. G. U. 553 в. 4, cannot be read.
3. For the cultivation of $\tau \hat{\eta} \lambda \iota s$ in the Arsinoïte nome cf. P. Tebt. i, pp. 562-3. The fruit was used for unguents (P. Petrie ii. 34 (b). 9), and bread (1572.3).
 is not clear; cf. P. Amh. 108. 8, Ryl. 122. 7, n. This official is not found elsewhere engaged in tax-collecting, his main duties being those of a policeman (B. G. U. 759. 20


## 1441. Receipt for Crown-Tax.

$$
7.7 \times 10 \mathrm{~cm} . \quad \text { A. D. } 197-200
$$

The recto, to be published in Part xiii, contains part of a late second-century account of payments to workmen. On the verso is a receipt for $\sigma \tau \epsilon \in \alpha v o s$, i. e. aurum coronarium, giving some details concerning the mode of assessment, which in the present case was based upon land. iò七七т $\iota \grave{\eta} \gamma \hat{\eta}$ was taxed at the rate of 8 drachmae per arura; upon another kind of land, probably $\beta a \sigma \iota \lambda \iota \kappa \eta$, the rate is not stated, the payment being on account. The only other instance of this method of levying the $\sigma \tau \epsilon ́ \phi \alpha v o s-t a x$ is Milne, Theban Ost. 96, where 4 dr . are paid for $\sigma \tau \epsilon \phi(a v \iota \kappa o \hat{v})$ Xр $\eta \dot{\eta} \mu(a \tau 0 s)$ on $\frac{1}{6}$ arura in probably A.D. 222 , a rate which is three times as high as that in 1441, if the land was in the same category. No. 95 of the same collection, a bilingual receipt for 3 obols for $\sigma \tau \epsilon \phi$. र $\rho^{\eta} \mu$. in the second century,
mentions palm-trees in the demotic portion ; but usually no indication of the system of assessment is given. Payments for $\sigma \tau$ '́ $\phi a \nu o s$ occur sporadically in the first and second centuries; cf. Wilcken, Ost. i. 299 sqq., Milne, Archiv, vi. 131, P. Tebt. 353. 25,640 , B. G. U. 1 I23. 5, P. Ryl. 213.352 , 386 . In the reign of Septimius Severus the mentions of it become frequent (1441, P. Brit. Mus. 474. (ii. 107), Ryl. 341. 4, B. G. U. 62), and still more so in the reign of Elagabalus (e. g. B. G. U. $45^{2}$ ), third-century payments being generally in multiples of 4 drachmae (in 1522200 dr . are paid in the course of a year by two persons in instalments of 40 dr.). 1441, being dated by Severus and Caracalla without Geta, belongs to the 6th-9th years. For later mentions of $\sigma \tau \in{ }^{\prime} \phi a v o s ~ s e e ~ 1413$. 25 sqq. (Aurelian), P. Brit. Mus. 966 (iii. $5^{8}$; early fourth century), P. Fay. 20 (Julian ?).

$$
\begin{aligned}
& \text { [Ev̉бє]ßov̂s Пєрті́ขакоs каì Má } к к о \nu
\end{aligned}
$$

$$
\begin{aligned}
& 5 \kappa \lambda(\eta \rho \circ \nu o ́ \mu o \iota) \Delta \iota o v v \sigma i ́ o v ~ ' A \sigma \kappa \lambda \eta \pi \iota \alpha ́ \delta o v ~ i \delta \iota \omega(\tau \iota \kappa \hat{\xi} s)
\end{aligned}
$$

$[/(\delta \rho \alpha \chi \mu \alpha i)] \iota \eta . \quad \sum \alpha \rho \alpha \pi i ́ \omega \nu \quad \sigma \epsilon \sigma \eta(\mu \in i \omega \mu \alpha \iota)$.
5. Second $a$ of $a \sigma \kappa \lambda \eta \pi \iota a \delta o v$ corr. from $\delta$. 7. $\epsilon \pi \iota \lambda o \gamma(o v)$ added later.
'The [.7th year of Lucius Septimius Severus Pius Pertinax and Marcus Aurelius Antoninus Caesars the lords. The heirs of Dionysius son of Asclepiades have paid to Plution and partners, collectors of the crown-dues, upon $3 \frac{5}{8}$ arurae of private land twentynine drachmae, total 29 dr. ; likewise upon State land on account eighteen drachmae, total 18 dr . Signed by me, Sarapion.'
1442. Receipt for Taxes of one Drachma and two Drachmae.

$$
9.7 \times \mathrm{I} 3 . \mathrm{I} \mathrm{~cm} . \quad \text { A. D. } 25^{2}
$$

The two taxes mentioned in this receipt, signed by a $\delta \epsilon \kappa \dot{a} \pi \rho \omega \tau о s$ (cf. 1410. int.), for a payment of $3^{6}$ drachmae by a woman are identical with two taxes in P. Brit. Mus. 1157 (iii. 62 ; probably A.D. $226-7$ rather than $197-8$, since a $\delta \in \kappa \alpha$ $\pi \rho \omega$ osos is mentioned), abbreviated $\beta^{+}$and $a^{+}$. The first also occurs probably in 1217.3 of the same collection (iii. 6I ; A. D. 246 ; cf. Archiv, iv. 534) Bov( $\nu \hat{\omega} \nu)$ $\mathrm{K} \lambda \in(0) \pi(a ́ \tau \rho a s) \beta^{+}$in conjunction with the vav́ $\beta \iota o v$ impost (cf. 1436.6, n.), which is

being classed as $\gamma \nu \eta \eta_{\sigma \iota a} \tau^{\prime} \lambda \eta \eta$ (cf. P. Amh. 86. 10, where $\gamma \nu \eta \eta^{\prime} \sigma a \quad$ o $\eta \mu o ́ \sigma \iota a$ means à pтaßıє́a and vaúßıov). The tax $\alpha^{+}$is often followed in 1157 by $\zeta \epsilon v \gamma(\mu a \tau \kappa \kappa \hat{\omega} \nu)$, which is written out in 1.28 and sometimes stands by itself, but in place of $a^{+} \zeta \epsilon v \gamma$. in 11. $5^{1}$ and $67 \delta \rho a x \mu() \zeta \epsilon v \gamma \mu$. occurs. As we have already suggested (II57.6, n.), $a^{+}$there probably means I drachma, $\beta^{+}$meaning 2 dr., and this view was confirmed by the evidence of 1185 that $\eta^{+}$meant an 8 drachmae tax. It is tempting to connect the $a^{+}$and $\beta^{+}$with the $\overline{\text { enapoúpoov, which was one of }}$ the regular taxes upon vine and garden land (cf. 1436. 10, n.) and is not mentioned in 1157 , where its presence is expected. That impost is lost sight of after A. D. 219 , and before that date land-taxes called I or 2 dr . are not known. It is noticeable that the rate of the '̇ $\pi a \rho o v \hat{v}^{\rho} t o v$ was sometimes 1,000 , sometimes 2,000 , copper drachmae (equivalent to about $3 \frac{1}{3}$ or $6 \frac{2}{3}$ silver dr.) per arura ; but ' $\mathrm{A}^{+}$and ' $\mathrm{B}^{+}$cannot be read in 1442 or P. Brit. Mus. II57, and in view of the equivalence of $a^{+}$and $\delta \rho a x \mu()$ it is best to expand $\left.\delta \rho a x \mu(\eta) s\right)$ and regard this tax as an impost for $\zeta \epsilon v \gamma \mu a t \iota \kappa \dot{c}$, whatever that may mean. The editors of P. Brit. Mus. II 57 suggest that it refers to sluices or bridges (cf. 1437. 21, n.). The $\beta^{+}$ tax might still be the successor of the èmapoúpoov; that it was a tax on land is in any case probable.

On the chronology of the reign of Gallus and Volusianus, in which 1442 is dated, and concerning which the evidence of papyri and coins presents some special difficulties, see 1476. int.




```
    \({ }^{2} A \mu \mu \omega-\)
```



```
        \(T \rho \iota \alpha ́ \delta \in \lambda(\phi \circ s)\)
```



```
        трьо́коу-
\(\tau \alpha \stackrel{\text { è }}{\xi} \sigma \epsilon \sigma \eta \mu\left(\epsilon^{\prime} \omega \mu \alpha \iota\right) . \times \times\)
```


## 2. $\ddot{\beta}$ Һ $\omega \nu$ оs $\Pi$.

[^1] a list of villages in the 9 th pagus (towards the north of the nome ; cf. 1425. 4, n.), is likely to be different ; for Xúo七s was in the ävo (i. e. southern) toparchy (1285.67), and ' $1 \beta$. Xúvecos was probably in the vicinity of Xúvts: cf. 1440. 3, n.

## 1443. Report of Sitologi to a Strategus of the Antaeopolite Nome.

$$
14.2 \times 8 \mathrm{~cm} . \quad \text { A. D. } 227(?)
$$

This return, addressed to a strategus by sitologi of a village in the Antaeopolite nome (cf. P. Giessen 48. int.), concerning their receipts during two months, has lost the conclusion and about ten letters at the ends of lines; these can, however, be for the most part restored by a comparison with the similar returns by sitologi in the Oxyrhynchite nome (1525-6), Arsinoïte (B. G. U. 64, 529, 534, 585, 835, P. Fay. 86 (a), 332, Tebt. 339, 538, Strassb. 45, Thead. 28), Mendesian (P. Tebt. 340), and Apollinopolite Heptacomias (P. Giessen 63, Flor. 330 ) ; cf. also 1444. int. The papyrus was written probably in Hathur (cf. 11. 5-6) of the 7th year of a reign which must be later than that of Caracalla, since several Aurelii are mentioned, and is likely to be that of Severus Alexander (i. e. A. D. 227) rather than of Gordian (243) or the Philippi (249); a later date is unsuitable on palaeographical grounds. The report is divided into three sections dealing with ( I ) receipts of corn and other produce, with various extra charges upon the wheat similar to those in P. Tebt. 339 (ll. 8-12) ; (2) arrears (11. 13-14); (3) a transference ordered by the basilicogrammateus (ll. I 5 sqq.).


```
    \(\sigma \tau \rho \alpha(\tau \eta \gamma \hat{\varphi})\) 'A \(\nu \tau \alpha \iota\) толі́тоv [
    \(\pi \alpha \rho \alpha ̀ ~ A \dot{v} \rho \eta \lambda i ́ \omega \nu \quad \Delta \epsilon i ́ o v ~ к \alpha i ~ M e ́ \lambda \alpha \nu[о s ~ к \alpha \grave{\imath} . . .\).
```



```
\(\tau \hat{\omega} \nu \quad \mu \epsilon \mu \epsilon \tau \rho \eta \mu \epsilon ́ \nu \omega \nu \quad \dot{\eta} \mu \hat{i} \nu\) єis \(\mu[\tilde{\eta} \nu \alpha s\) \(\Theta \grave{\omega}\) каì
```





```
        \(\kappa \rho \iota \theta(\hat{\eta} s)(\dot{\alpha} \rho \tau.) . .\),
```




```
        \(\tau о \sigma \tau \bar{\eta} s)\) a \(\pi о \delta \omega ́ \mu(\alpha \tau \circ S)(\alpha \rho \tau.) \kappa^{\prime} \delta^{\prime}\),
```



```
        ( \(\alpha \rho \tau).\left[\gamma \angle \kappa^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime}\right.\),
```

 $\angle x^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime}$.





Traces of 2 lines.
 кає $\rho$ ) $\Pi$.
' To Aurelius Dionysius also called Ag . . ., strategus of the Antaeopolite nome, from the Aurelii, Dius, Melas and . . . and their associates, sitologi of Psinomerp . . . Summary account of payments to us for the months Thoth and Phaophi of the present $7^{\text {th }}$ year, and further of payments on account of the past 6th year, as follows. For the general revenue and temple revenue, in payments 170 artabae, loans 8 art., barley . . art., lentils 70 art., vegetables 75 art., and for extra payments upon the wheat, for the two-artabae for storage $3 \frac{1}{2}$ art. of wheat, for I per cent. upon the storage-charge $\frac{1}{24}$ art., for $\frac{1}{2}$ art. upon the storagecharge $\frac{1}{48}$ art., total for storage and percentages $3 \frac{27}{48}$ art. of wheat, making with the 178 art. of wheat of the payments $18 \mathrm{I}_{48}^{27}$ art. of wheat. And for arrears of the said months there was entered a deficit of . . art. of wheat, 50 art . of barley, 30 art . of lentils, from the produce of the 6th year. And there were transferred by order of Aurelius Sarapion also called Heraclides, basilicogrammateus, . . .'
I. 'A $\gamma[: \iota, \lambda$, or $\nu$ can be read in place of $\gamma$.
4. $\Psi \iota \nu \circ \mu \epsilon \rho \pi()$ : or $\Psi \iota \nu \circ \mu \epsilon \rho()$, if the semicircular sign simply represents abbreviation. The village is unknown. For $\epsilon^{\prime} \nu \kappa є \phi a \lambda(a i \omega)$ cf. e. g. P. Tebt. 339. 6.


$\mu \epsilon \tau$ ( $\rho \eta$ भ́aтos) (ảpтáßaı): an abbreviation or symbol of $\pi v \rho o \hat{v}$ is inadmissible, though wheat is clearly meant (cf. I. IO). $\quad \mu \epsilon \tau(\rho \dot{\eta} \mu a \tau o s)$ forms a suitable contrast with $\delta a(\nu \epsilon i \omega \nu)$, i. e. returns of loans of seed-corn (cf. 1527), but in 11. I 2 and I 7 is abbreviated $\mu \epsilon \tau \rho \eta \mu$ (), and possibly that should be read here and (apráßat) omitted. poo is inadmissible, for $\delta a$ has a stroke above it. (apt.) $\eta$ is restored from l. $\mathbf{1} 2$, on the supposition that $\mathbf{I}^{7} 8$ art. there is the sum of the two items in 1.8. Possibly / ( $\pi v \rho$.$) ( \dot{\alpha} \rho \tau$.$) pon followed, in which case there is not room for$ a mention of barley; but cf. 1. 14 .
 2 artabae per cent. are charged for it, corresponding to the ( $\delta a \rho \tau a \beta i a) ~ \pi o \delta \dot{\omega} \mu(a \tau o s)$ here. тás before $\tau o \hat{v}(\pi v \rho o \hat{v})$ is in any case superfluous, for there is a space after ( $\pi v \rho o \hat{v})$ which renders the reading ràs $\tau o \hat{v}$ ( $\pi v \rho$.) $\beta$ ( do $\rho \tau \dot{\beta} \beta a s$ ) unsuitable; and since the $a$ of $\tau a s$ seems to have been crossed through, the word was probably intended to be omitted. With the (8tapraßia) $\pi о \delta \omega \mu(\mathrm{a} \tau о s)$ and the percentages upon it cf. the ( $\pi \epsilon \nu \tau a \rho \tau a \beta i a)$, which is distinguished from the $\pi \rho о \sigma \mu \epsilon \tau \rho о и ̆ \mu \epsilon \nu a$ in 1445. 3, and P. Tebt. 339. 17-18, where $3 \frac{1}{2}$ art. are charged for 2 є́катобтаі $\dot{v \pi} \grave{\rho} \rho \pi \sigma \delta \dot{\omega}(\mu a \tau o s)$ upon 176 art. of wheat, besides $\frac{1}{24}$ art. for ( $\left.\dot{\kappa} \alpha a \tau \sigma \sigma \tau \eta\right) \pi \sigma \delta \dot{\omega}(\mu a \tau o s)$ and $\frac{1}{48}$ for

in P. Tebt. $53^{8}$; cf. 339. 17, n. $\pi \delta \delta \omega \mu a$ is found in the Ptolemaic period in P. Ryl. 7 I and a papyrus to be published in P. Tebt. iii. The word refers to storage of $\theta^{\prime} \mu a r a$, for which
 being ambiguous; cf. crit. $n$.
 should be read before it, and the 178 art. regarded as the sum of the items in 11.8 and ro-ri ; but the arrangement adopted in the text is preferable in view of tais.
15. $\mu[\epsilon \tau] \epsilon \beta \lambda \dot{\eta} \theta \eta \sigma a \nu:{ }^{\epsilon}[\nu] \in \beta \lambda \dot{\eta} \theta \eta \sigma a \nu$ cannot be read. Cf. P. Giessen ioo. I3, n.

## 1444. Report of a Decemprimus to a Strategus.

$$
32 \cdot 7 \times 12 \mathrm{~cm} . \quad \text { A. D. } 24^{8-9}
$$

On the recto of this papyrus is a return similar to 1443 , but from a decemprimus (cf. 1410. int.) instead of sitologi, and giving a list of individual payments of corn in several months, not a summary ; cf. B. G. U. $55^{2-7}, 743^{-4}$, and 1443 . int. One column, dealing with receipts at the granary of Tanais, a village in the middle toparchy, is nearly complete, but was probably succeeded by other columns which are lost, referring to different villages; for on the verso is the beginning of a speech by an Attic orator (1366), which continued in the same direction as the writing on the recto. The heading of the return is by a practised hand, the list by an unskilful scribe, whose spelling and grammar are irregular. In the entries the nominative, dative, and possibly the genitive (1.35) are employed without distinction, and the use of ó aúrós and éavtov is confused. The numbers of the days of the month have strokes under them, and as the left-hand margin is not preserved and the column slopes away to the left, the names of the months may have been inserted, e.g. in 11. IO and 15 . The payments are under the three heads of $\pi о \lambda \iota \tau \iota \kappa \alpha, \kappa \omega \mu \eta \tau \iota \kappa \alpha$, and $\theta \epsilon \epsilon \mu a$, the first two referring to rent or taxes, the third to private deposits of corn in the State granary; cf. 1525-6, 1539-41. In 1145, part of the day-book of a sitologus, $\theta(\quad)$, which is prefixed to most of the entries, is more likely to mean $\theta\left(\epsilon^{\prime} \mu a\right)$ than $\theta($ ávatos $)$ or $\theta(\eta \sigma \alpha v \rho o ́ s)$.

$$
\begin{aligned}
& \text { [ } 16 \text { letters ] [ } \sigma \tau] \rho \alpha \tau\left[\eta \gamma \hat{\iota}{ }^{\prime} O \xi \varepsilon \nu \rho v \gamma \chi i \tau o v\right.
\end{aligned}
$$

$$
\begin{aligned}
& K \alpha \iota[\sigma \alpha ́ \rho \omega \nu \\
& \text { [ } \tau \hat{\omega} \nu] \text { кvрíw } \quad \Sigma_{\epsilon} \beta \alpha \sigma \tau \hat{\omega} \nu . \\
& { }^{\prime} \epsilon \sigma \tau \iota \delta \epsilon^{\circ} . \\
& \text { 2nd hand } \theta \eta \sigma \alpha v \rho o \hat{v} \text { Taváєшs Mápкoı Av̉pŋ́入iol }
\end{aligned}
$$

．］к $\lambda \eta \rho(о \nu o ́ \mu o \iota) T \alpha \alpha \pi о \lambda \lambda \hat{\omega} \tau о s ~ \tau \hat{\eta} s$ каi $M \epsilon \gamma i ́ \sigma \tau \eta s[(\alpha \dot{\rho} \tau) .,$.

$T \alpha \nu \alpha ́[\epsilon \omega] s \pi о \lambda(\iota \tau \iota \kappa \alpha) ~ \llbracket(\dot{\alpha} \rho \tau \alpha ́ \beta \alpha \iota)](\dot{\alpha} \rho \tau \alpha \dot{\alpha} \beta \alpha \iota) \kappa$ ， $\alpha \tau \hat{\varrho} \alpha \dot{v}[\tau \hat{\varphi}] \quad \theta^{\prime} \epsilon \mu(\alpha) \quad(\dot{\alpha} \rho \tau$ ．）$\kappa, \gamma(i \nu 0 \nu \tau \alpha \iota) \alpha!\underline{i}[\pi(\rho о \kappa \epsilon i ́ \mu \in \nu \alpha \iota)$ ， $\Pi \alpha \nu \epsilon \tau \beta \epsilon[\grave{v} s i \epsilon] \rho \in \dot{v} s \quad(\dot{\alpha} \rho \tau$. ？）•［，
$\delta .2 \delta_{\iota}\left(\quad K_{0}[. . . . . ..] \alpha \iota o v T \alpha \nu\langle\alpha ́\rangle \in[\omega s \kappa] \omega \mu(\eta \tau \iota \kappa \grave{\alpha})(\dot{\alpha} \rho \tau.) \delta \mathbb{T} \cdot\right][$ ，

ठ．$\Delta i o \nu v \sigma[o \delta \omega ́] \rho \omega$ סì̀ $\sum_{\epsilon} \epsilon \alpha \pi i ́ \omega \nu o s$ $T \alpha \nu(\hat{\alpha}) \in[\omega S \kappa] \omega \mu(\eta \tau \iota \kappa \grave{\alpha}) \quad(\dot{\alpha} \rho \tau.) \epsilon[$ ，
є．к $\lambda \eta \rho(o \nu$ ó $\mu \circ \iota) \Delta[\iota \nu] \cup \sigma$ íov＇$E \rho \mu \alpha ́ \mu \mu \omega \nu o s$［ $\dot{\eta} \alpha u ̉ \tau \grave{\eta} k \omega \mu \eta \tau(\iota \kappa \grave{\alpha}) \quad(\dot{\alpha} \rho \tau).[.$,
 $\dot{\eta} \alpha \cup ̉ \tau(\grave{\eta}) \kappa \omega \mu(\eta \tau \iota \kappa \grave{\alpha}) \quad(\dot{\alpha} \rho \tau).[.$,
九ß．тoîs aủ
a．є́avtę̂ $\Pi \alpha \nu \epsilon \tau \beta \epsilon \hat{\imath} \quad i \in \rho \in \hat{\imath}$ $\theta \epsilon ́ \mu(\alpha) \quad$（ $\alpha \rho \tau$ ．）［．，


$$
\kappa \omega \mu(\eta \tau \iota \kappa \grave{\alpha}) \quad\left(\dot{\alpha} \rho \tau_{.}\right)
$$


$\left.{ }^{`} E_{\rho \mu}\right] \alpha i ̈ \sigma \kappa о v \quad T \alpha \nu\langle(\hat{\alpha} \epsilon \omega s$ к $\omega \mu(\eta \tau \iota \kappa \grave{\alpha}) \quad[(\dot{\alpha} \rho \tau$.$) ．，$
［．．．］pıov Dlovvбíov тov̂ каi＇A $\mu \mu \omega \nu$ iov $\gamma v \nu \epsilon[\kappa \alpha$ ？


 $\nu о \mu \eta ́ \sigma \alpha \nu \tau о s \quad \mu \eta \tau \rho i \quad \tau \hat{\omega} \nu \pi \rho о \gamma \in \gamma \rho \alpha[\mu-$

［．］є́ $\alpha \cup \tau o i ̂ s ~ T \epsilon \mu \eta ̀ ~ \pi о \lambda(\iota \tau \iota \kappa \grave{\alpha}) \quad[(\dot{\alpha} \rho \tau) .,$.
［．．．］$]$ र́入ıтos $\theta[\epsilon ́] \mu \alpha$
（ $\alpha \rho \tau).[\cdot$,

［Xov］Tav（人́⿱亠乂$\in \omega s$ $\pi \circ \lambda(\iota \tau \iota \kappa \grave{\alpha}) \quad(\dot{\alpha} \rho \tau)!.[$,
［．．．．］apXos $\Pi[\alpha] \sigma i ́ \omega \nu o s ~ к \alpha i$ oi ád $\delta \lambda \phi o i(\dot{\alpha} \rho \tau.) \kappa[$ ，
 $40] \quad \sigma \nu \eta \delta^{\prime} \times($ oí $\quad 1 \kappa \in s) \eta$ ．

12．$\gamma \operatorname{ju}\left[\Pi\right.$ ．13．$\tau$ of $\pi a v \epsilon \tau \beta \epsilon u^{\top}$ corr．from $\delta$ ．14．$\delta$ at the end corr．



I－I5．＇To ．．．，strategus of the Oxyrhynchite nome，from Aurelius Heraclides also called Dionysius，senator of Oxyrhynchus，decemprimus of the middle toparchy．Detailed list of wheat entered on the books as measured and paid through me from the produce of the present 6th year of the Marci Julii Philippi Caesars the lords Augusti，as follows．At the granary of Tanaïs the Marci Aurelii，heirs of Taapollos also called Megiste，．．；rst，paid by Heraclides also called Serapion for city dues at Tanaïs 20 artabae；rst，the same for deposit 20 art ；total the aforesaid．Panetbeus，priest，．．art．；4th，paid by Ko ．．．son of ．．．for village dues at Tanaïs 4 art．；ist Aurelius Achilles，Roman knight，for deposit 16 art．＇

2．$\Delta]$ ıovvai［ov $\beta$ ov̀єvтov̀：decemprimi were generally，perhaps always，senators；cf． Wilcken，Grundz． 217.
 where l．$\chi \in \iota(\rho \iota \sigma \tau \iota \kappa \circ \hat{v})$ rather than $\chi \in \iota(\mu \epsilon \rho \iota \nu \hat{v})$ before（ $\pi v \rho \circ \hat{v})$ ．$\chi \in \iota \rho \iota \sigma \tau \iota \kappa o ́ s$ is not elsewhere applied

 （similar to e．g．1145），as opposed to formal documents like 1444 ；cf．n．ad loc．The division of lines is not quite certain in 11．3－6，the initial lacuna being of the same size throughout，and four or five letters being lost in l． 2.
 Sıє $\sigma$ тa入 $\mu$ évos to wheat paid by deducting from an account of a deposit at the $\theta \eta \sigma a v \rho o ́ s$ ；cf． Preisigke，Girowesen，88．There were usually two $\delta \in \kappa$ ќmpळтo兀 for each toparchy；cf． Wilcken，op．cit． 218 ．The $\delta \epsilon \kappa$ ќт $\rho \omega \tau$ os in 1444 was clearly concerned with only a portion of each month＇s receipts．

8．Ма́рко七 À̇pí入ьot：for this heading referring to the following names in general cf．e．g．1526． 7 ．

10． 2 is probably，as Smyly suggests，a degeneration of $Z$ ，i．e．$\mu \in(\quad)$ ，a common abbreviation in Ptolemaic times for $\mu$ є́т $\rho o \nu$ or $\mu \epsilon \mu \epsilon ́ \tau \rho \eta \tau a \iota$（or $\mu \epsilon ́ \rho o s$ ）．It recurs in 1．14，and possibly in l． 3 I ，where part of a stroke is visible before $\delta_{l}($ ），but since a similar stroke occurs in 1． 34 before éavtois，in both ll． 3 I and 34 it probably refers to the number of the day．$\delta_{t}\left(\right.$ ）suggests some part of $\delta_{\iota a \sigma \tau \epsilon \lambda \lambda \epsilon \iota \nu}$（cf．1．4，n．），but $\mu \epsilon(\tau \rho \eta \mu a) \delta_{\iota}\left(\epsilon \sigma \tau a \lambda \mu \epsilon \epsilon_{\nu \nu}\right)$ is not a very satisfactory combination，though in B．G．U． $65^{2}$ ． 16 deaatodín hardly seems to differ from $\delta a \gamma^{\prime} \rho \phi^{\prime} \eta^{\prime}$（cf．1436．18，n．）．No special stress is to be laid on the dative Hpak $\lambda \in i \delta \eta$ ，which is equivalent to the nominative（cf．e．g．11． 13 and 23），unless $\delta_{1}(\hat{a})$


II．$\pi \circ \lambda(\imath \tau \iota \kappa \dot{u})$ ：cf．1419．2，n．$\pi \circ \lambda(\iota \tau \hat{\omega} \nu)$ could be read，with $\kappa \omega \mu \eta \tau(\hat{\omega} \nu)$ instead of $\kappa \omega \mu \eta \tau(\iota \kappa \alpha ́)$ in Il．19，\＆c．，on the analogy of P．Strassb． 45.20 ；but $\pi \rho \lambda(\iota \tau \iota \alpha \dot{́})$ balances $\theta \epsilon \in \mu a$ （l．33）better．

I2．The abbreviation of $\gamma$（ivovтat）（cf．critical n．）is unusual，but the reading $k$＇ （ $20 \frac{1}{3}$ art．）leaves the following word unexplained，and $\gamma\left(i \nu_{0}\right)$ ui $\pi$（ $\rho \kappa_{0}$ ．）is very common in this class of accounts，e．g．P．Strassb．45．9．

13．The supposed sign for apráßaı has no trace of the dot under the horizontal line， and there is a space after it，so that the letter at the end of the line is perhaps not a figure．

18－21．$\dot{\eta}$ à̇vín in 11． 19 and 21 is superfluous unless（ajpr．）．be restored at the end of li． 18 and 20 ，and the same difficulty arises in 11．28－9，where the retention of $\dot{\eta}$ aúr $\dot{\eta}$ is parti－
 easier，but in 1.21 并 aúrín would have to refer to Tisoïs，Pachnubis being ignored，and ठià rồ à̉rov̂ in 1.20 is in any case obscure．The writer is somewhat confused；cf． ll． $28-9$ ，n．

22．＂I $\sigma \tau \rho \rho v$ ：another village in the middle toparchy，like $\mathrm{T} \epsilon \mu^{\prime}{ }^{\prime}$（i．e．＇ $\mathrm{I} \epsilon \mu{ }^{\prime}$ ）in 1.34 ；cf． 1285．98， 108.

23．There is no apparent point in $\dot{\varepsilon} a u t \bar{\omega}$, which here would have to be constructed with $\theta^{\prime} \mu(a)$ ，and in 1． 34 éavtoîs does not suit $\pi \circ \lambda(\iota \tau \kappa \kappa ⿱ ㇒ 日 勺)$ ，so that probably in both places there is a confusion with $\tau \hat{\varphi}$ aìt $\hat{\varphi}$ or roîs aùroîs．Panetbeus was mentioned in I．I3．

28－9．．．］piov must be a woman＇s name in the nominative or accusative，but $\gamma v{ }^{2} \eta$ cannot be read，and，since neither $\gamma u \nu \in[$ nor $\Phi a] \rho \beta a \iota \tau i \omega v o s$ suggests a place－name，$\gamma v \nu\langle\dot{\eta}\rangle$ $[\Phi a] \rho \beta a \iota \tau i \omega v o s$ is probably to be restored and $\dot{\eta}$ aiví ignored；cf．ll．18－2 I，n．

31．$\delta($（ ）：cf．l． $10, \mathrm{n}$ ．
34．ध́avtoîs：cf．1． $23, \mathrm{n}$ ．，and for $\Gamma \notin \mu$＇see l．22，n．
35．．．］$\dagger \lambda \iota \tau$ os：＇H ${ }^{\prime}$ ita occurs in B．G．U．926． 7 and＇H ${ }^{\prime}$ eit（ov）in e．g．P．Ryl． 210.6 ； but the name here is probably longer and in the nominative．

## 1445．Report on Unproductive Land．

$15 \times 25.3 \mathrm{~cm}$.
Second century．
The recto of this papyrus contains the ends of sixteen lines of one column，the middle part of another，and a few letters from the beginnings of lines of a third， from a report on land at a village，probably addressed to a strategus by a como－ grammateus，like P．Giessen 60 and Wilcken，Chrest．34I．While those two papyri，so far as they go，give lists of land available for cultivation at the village of Naboö in the Apollinopolite nome，the intelligible portion of 1445 is concerned with the rent and taxes upon land which was out of cultivation for various reasons；but 1445 may have belonged to a comprehensive report which included the information found in the Apollinopolite texts．Similar reports by a como－ grammateus in the Ptolemaic period are extant in P．Tebt．74－5．The land was divided into two main classes，$\delta \eta \mu \sigma \sigma i a$ and $i \delta \iota \omega \tau \iota \kappa \frac{\prime}{\prime}$ ，these being subdivided into
 being added in ll． $2-4$ to various others which had preceded and probably con－ cerned other kinds of $\nu \hat{\eta} \sigma o \iota$, e．g．$\pi о \tau а \mu о \phi о ́ \rho \eta \tau о \iota ~(c f . ~ 1 . ~ I 3) . ~ T h e ~ \pi \rho о \sigma \mu \in \tau \rho о v ́ \mu \in \nu a ~$ are nearly $\frac{1}{7}$ ，the barley being also subject to a special impost of 5 per cent． （l． 3, n．）．In 1.5 is an entry concerning a small amount of $\delta \eta \mu o \sigma i a \gamma \hat{\eta}$ on the mainland，which for some unspecified reason was out of cultivation，the totals for $\delta \eta \mu o \sigma i \alpha ~ \gamma \hat{\eta}$ being calculated in 11．6－7．There follows in 1l．8－9 the account of $i \delta \iota \omega \tau \iota \kappa \grave{\eta} \gamma \hat{\eta}$ ，which is taxed approximately at the rate of I artaba per arura， with extra charges，including one for the comogrammateus himself（l．9，n．）． These items are added in 11 ．IO－12 to the figures of the $\delta \eta \mu 0 \sigma i a \quad \gamma \hat{\eta}$ ．In 1 ．I 3 a new section begins concerning the 18 th year，the preceding one referring probably to the I9th or 17 th．The writing clearly indicates the second century， and the reigning Emperor is more likely to have been Hadrian or Antoninus than Trajan or Marcus．$\delta \eta \mu \sigma \sigma i ́ a ~ \gamma \hat{\eta}$ on v $\eta \boldsymbol{\sigma} \sigma \boldsymbol{\pi о т а \mu о ф o ́ \rho \eta \tau o \iota ~ i s ~ t h e ~ s u b j e c t ~ o f ~}$ 11．I3－I 4 ，which correspond to Il． $\mathrm{I}-2$ ；public land on the $\eta \pi \epsilon \iota \rho \circ s$ ，corresponding to that in 1.5 ，is enumerated in 1.15 ，after which the column breaks off．The rents were chiefly in wheat，with a small amount of barley；references to a trifling
payment in a third kind of produce (1. I, n.) have been deleted. The average rate (reckoning barley at $\frac{3}{5}$ the value of wheat; cf. P. Tebt i, p. 560) was from 5 to 6 artabae of wheat per arura, apart from extra charges.

On the verso is the conclusion of a tale in honour of Sarapis (1382).
Col. ii.
$[\delta \iota] \alpha \psi \in \hat{\imath} \lambda \omega \nu\left(\alpha^{\prime} \rho o v \rho \alpha \iota\right) \eta \beta^{\prime}(\pi \nu \rho o \hat{v})(\dot{\alpha} \rho \tau \alpha ́ \beta \alpha \iota) \lambda \theta \delta^{\prime} \kappa^{\prime} \delta^{\prime} \kappa \rho \iota \theta(\hat{\eta} s)(\alpha \rho \tau.) \kappa \alpha \varsigma^{\prime} \kappa^{\prime} \delta^{\prime}$, $\left.\llbracket \kappa 0()[\angle] \gamma^{\prime}\right]$
( $\alpha \rho \circ v) ~ .0 \beta \angle \iota^{\prime} \varsigma^{\prime} \lambda^{\prime} \beta^{\prime} \xi^{\prime}\left[\delta^{\prime}\right](\pi v \rho).(\dot{\alpha} \rho \tau.) \tau \mu \xi^{\prime} \angle \gamma^{\prime} \kappa \rho \iota \theta(\hat{\eta} s)(\alpha \rho \tau.) \nu \beta \angle \gamma^{\prime} \iota^{\prime} \beta^{\prime}$, $\pi \rho \circ \sigma \mu(\epsilon \tau \rho о \nu \mu \epsilon \in \nu \omega \nu)\left(\pi \nu \rho\right.$.) ( $\alpha \rho \tau$.) $\nu \beta \varsigma^{\prime} \kappa^{\prime} \delta^{\prime} \kappa \rho \iota \theta(\hat{\eta} S)\left(\dot{\alpha} \rho \tau\right.$.) $\zeta \angle \gamma^{\prime} \iota^{\prime} \beta^{\prime} \mu^{\prime} \eta^{\prime},(\pi \epsilon \nu-$ $\tau \alpha \rho \tau \alpha \beta$ í $\alpha s) \beta \angle \eta^{\prime}$,
/( $\dot{\alpha} \rho \tau.) ~ \iota \kappa^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime}, /(\pi v \rho).(\dot{\alpha} \rho \tau). v \kappa^{\prime} \delta^{\prime} \kappa \rho \iota \theta(\eta \hat{\eta} s)(\dot{\alpha} \rho \tau.) \xi \gamma \gamma^{\prime} \eta^{\prime} \mu^{\prime} \eta^{\prime}$.
 $\int \angle \gamma^{\prime} \kappa^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime}$.
 $\angle i \beta^{\prime} \mu^{\prime} \eta^{\prime}$,
 $\pi \rho о к(\epsilon \iota \mu \epsilon ́ \nu \eta)$ крı $\theta(\eta)$ ).
i $\delta \iota \omega \tau \iota \kappa \hat{\eta} s$ $\gamma \hat{\eta} s{ }^{\circ} \lambda \eta \tau \hat{\eta} \hat{\eta} \epsilon \pi \iota \gamma \rho \alpha \phi \hat{\eta}(\alpha ้ \rho о v.) \delta \angle \delta^{\prime} \iota^{\prime} 5^{\prime} \lambda^{\prime} \beta^{\prime}$
$(\pi v \rho).(\dot{\alpha} \rho \tau.) \delta \gamma^{\prime} \mu^{\prime} \eta^{\prime}, \phi \iota \lambda(\alpha \nu \theta \rho \omega ́ \pi o v) \eta^{\prime} \mu^{\prime} \eta^{\prime}, \pi \rho o(\sigma \mu \in \tau \rho o v \mu \epsilon \quad \nu \omega \nu) \beta^{\prime}, /(\pi v \rho$. $(\dot{\alpha} \rho \tau.) \epsilon \varsigma^{\prime}$.
 $\nu \beta \angle \gamma^{\prime} \iota^{\prime} \beta^{\prime}$,
 $\tau \alpha \rho \tau \alpha \beta i \alpha s) \beta \angle \eta^{\prime}, / \iota k^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime}$,
$ノ(\pi v \rho$. $)(\dot{\alpha} \rho \tau). v \varsigma \iota^{\prime} \beta^{\prime} \mu^{\prime} \eta^{\prime} \kappa \rho \iota(\theta \hat{\eta} s) \xi \gamma \gamma^{\prime} \eta^{\prime} \mu^{\prime} \eta^{\prime}$. $\left.\llbracket \kappa 0() \angle \gamma^{\prime} \rrbracket\right]$

( $\pi v \rho.)(\dot{\alpha} \rho \tau.) \kappa \in \angle \kappa^{\prime} \delta^{\prime}, \pi \rho o(\sigma \mu \epsilon \tau \rho o v \mu \epsilon \in \nu \omega \nu) \gamma \beta^{\prime} \eta^{\prime}, /(\pi v \rho).(\dot{\alpha} \rho \tau.) \kappa \theta \gamma^{\prime}$.
 / ! $\varsigma^{[ }\left[\angle \iota^{\prime} \beta^{\prime}\right] \mu^{\prime} \eta^{\prime}$.

1. $k o() \angle \gamma^{\prime}$, which is added below the line, is bracketed, as in l. 12.
2. ( $\pi \epsilon \nu \tau a \rho-$ taßias) is written $\epsilon \frac{}{\circ}$, as in l. II.
'... bare (islands) $8 \frac{2}{3}$ arurae, $39 \frac{7}{24}$ artabae of wheat, $2 \frac{5}{24}$ art. of barley; total $72 \frac{39}{64}$ ar., $347 \frac{5}{6}$ art. of wh., $52 \frac{11}{12}$ art. of barl., for extra payments $5^{2 \frac{5}{24}}$ art. of wh., $7 \frac{45}{48}$ art.
of barl．，for 5 －art．percentage $2 \frac{5}{8}$ ，total $10 \frac{27}{48}$ art．Total $400 \frac{1}{24}$ art．of wh．， $63 \frac{23}{4}$ art．of barley．Public land on the mainland $\frac{3}{8}$ ar．$\frac{37}{48}$ art．of wh．，extra payments $\frac{1}{8}$ ，total $\frac{43}{48}$ ．Total for public land $72 \frac{63}{64}$ ar．， $348 \frac{29}{48}$ art．of wh．，for extra payments $52 \frac{1}{3}$ art．of wh．，total $400 \frac{45}{48}$ art． of wh．and the aforesaid barley．Private land for the whole assessment $4 \frac{27}{3}$ ar．， $4 \frac{17}{4} \mathrm{art}$ ．of wh．，for salary $\frac{7}{48}$ ，for extra payments $\frac{2}{3}$ ，total $5 \frac{1}{6}$ art．of wheat．Total $77 \frac{53}{6} \mathrm{ar}$ ．， $353 \frac{5}{48}$ art．of wh．， $52 \frac{11}{12}$ art．of barl．，for extra payments 53 art．of wh．， $7 \frac{45}{48}$ art．of barl．，for 5 －art．per－ centage $2 \frac{5}{8}$ ，total $10 \frac{27}{48}$ ．Total $406 \frac{5}{48}$ art．of wheat， $63 \frac{23}{48}$ art．of barley．And on islands carried away by the river in the 18th year $4 \frac{1}{4}$ ar．， $25 \frac{13}{2}$ art．of wh．，for extra payments $3 \frac{19}{24}$ ， total $29 \frac{1}{3}$ art．of wheat．On the mainland［．$\cdot \frac{41}{64}$ ar．， $15 \frac{11}{48}$ art．of wh．，for extra pay－ ments $2 \frac{9}{24}$ ，total $17 \frac{29}{48}$ ．

1．［ $\left.\delta_{c}\right]{ }^{2} \psi \epsilon i \lambda \omega \nu$ ：sc．$\nu \eta{ }^{\prime} \sigma \omega \nu$ ；cf．1．13．Land which after the inundation had become too dry to be cultivated is meant；cf．707．23，n．，Crönert，Stud．Pal．iv．95，P．Hawara in Archiv，v．397，where in a фotviкळ́v the portion which was dáqulos is distinguished from the $\psi$ idós，which was included in the фópuos．
$\left[\kappa \kappa()[\angle] y^{\prime}\right]: c f .1 .12$ ，where from the context $\kappa о($ ）appears to be the name of some kind of produce rather than an impost，though the bracketing，i．e．cancelling，of the entry in both places renders that argument uncertain．A small extra charge for кобксvevtккóv（in P．Petrie iii． 129 abbreviated ко）is common in Ptolemaic papyri，but has not yet appeared in the Roman period，and ко（докvу⿴囗十vov）（cf．P．Rev．Laws xxxix．6）ог ко（рiov）（cf．P．Tebt． 314．17）is more probable．
 to the（ $\dot{\varepsilon}$ катобтаi）$\beta$ of P．Tebt．339．This extra charge of 5 artabae per cent．upon barley can now be recognized in P．Giessen 60 （cf．int．p． 3 I ），where the editor reads $\epsilon^{-}$or $\epsilon \bar{\pi}$ and suggests $\dot{\epsilon} \pi(\imath \gamma \rho a \phi \hat{\eta} s)$（cf．l．8，n．）．The amount of the 5 per cent．impost is there calculated on the main amount of barley + the $\pi \rho \sigma \sigma \mu \epsilon \tau \rho \sigma v \mu \epsilon \nu a$ ，but here only on the main sum（l．2， $52 \frac{11}{12}$ art．）．

8．${ }^{\hat{\lambda}} \lambda \eta \tau \hat{\eta} \hat{\epsilon} \pi \tau \gamma \rho a \phi \hat{\eta}$ ：the point of this phrase is that the $i \delta \iota \omega \tau \iota \kappa \dot{\eta}$ was not subdivided in detail like the $\delta \eta \mu \sigma \sigma i a$ into $\nu \hat{\eta} \sigma o \iota$ and $\ddot{\eta} \pi \epsilon \iota \rho o s$, probably because the amount was small．$\dot{\epsilon} \pi \iota \gamma \rho a \phi \dot{\eta}$ in papyri of the Roman period is used in the wide sense of＇assessment＇in connexion with many kinds of taxes upon land ；cf．P．Brit．Mus．195． 3 （P．Ryl．ii，p． 255 ），and a Hawara papyrus in Archiv，v． 397 ；but in Ptolemaic times（cf．Wilcken，Ost．i． 194 sqq．， P．Tebt．5．59，n．）it means＇impost＇，either in general or a particular tax upon land， coupled with סtaptaßia in P．Tebt． 99 and $\dot{\eta} \mu t a \rho \tau \dot{\beta} \beta \iota \nu$ in Milne，Theban Ost．13－14．Here the $\dot{\epsilon} \pi \iota \gamma \rho a \phi \dot{\eta}$ happens to be concerned with land－tax， $4 \frac{27}{2}$ arurae yielding $4 \frac{17}{48}$ artabae，so that some part was assessed at less than the very common rate of 1 artaba per arura（cf． 1459．I I，n．）；but，as the other Roman instances show，the word applies primarily to the arurae，not to the artabae．

9．фı入（av $\theta_{\rho \omega ́ \pi o v): ~ s c . ~ к \omega \mu о \gamma \rho a \mu \mu a т \epsilon i ́ ~ ; ~ c f . ~ W i l c k e n, ~ O s t . ~ i . ~ 401, ~ M a r t i n, ~ E ́ p i s t r a t e ̀ g e s, ~}^{\text {1 }} 43$.
12．For the cancelled item of．l．i，n．
15．The number of the arurae was probably 2 or 3 ；cf．int．

## 1446．List of Cultivators of State Lands．

$$
34 \cdot \mathrm{I} \times{ }^{2} 5 \mathrm{~cm} .
$$

A．D．161－210．
On the recto of this papyrus are parts of the last two columns of a somewhat novel kind of survey－list．The first section，ll． $1-9 x$ ，gives a list of former cultivators of State lands，either $\beta a \sigma \iota \lambda \iota \kappa \eta$ ，$\pi \rho \circ \sigma o ́ \delta o v$, or $i \epsilon \rho \alpha ́, ~ a t ~ t h e ~ n e i g h b o u r i n g ~$

Arsinoïte villages of Theadelphia（Harît），Euhemeria（Kasr el Banât），and Polydeucia（perhaps Gebâla；cf．P．Fay．p．14），with the amounts of their holdings，the rents，and the names of the present cultivators．In 1.92 there
 several other villages in the $\Theta_{\epsilon \mu i \sigma \tau o v} \mu \epsilon \rho i$ ，and＇the 23 rd year of the deified Aelius Antoninus＇．Since the verso contains 1408，part of which is a copy of a proclamation issued in A．D．210－14，the document on the recto must fall within the half century following the death of Antoninus．In Col． i about $\frac{2}{5}$ of each line is missing at the beginnings，and in Col．ii．60－93 about the same amount at the ends；the rest of the second section（11．94－103，below which is a blank space）is hopelessly broken．

1446 is concerned with кowv̀ $\gamma \epsilon \omega \rho \gamma i ́ a$（cf．1．92），and the first section follows a regular formula，beginning with the names of one or，more frequently，two of the associates．In some cases the abbreviation $\dot{a} \pi o()$ ，of which the resolution is uncertain（cf．1．84，n．），follows the first name，but $\tau \epsilon \tau \epsilon \lambda(\epsilon v \tau \eta \kappa o ́ \tau \epsilon s)$ ，which regularly follows каi（ $\mu$ є́тохо $)$ ，may qualify all the persons previously mentioned in the entry．The amounts of the holdings were generally between 30 and 60 arurae．A classification of the rents，which are remarkable on account of the unusual fractions of the artaba，is appended ：

| Village． | Class． | Rents in Artabae． |  |  | Lines． |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Wheat． | Barley． | Lentils． |  |
| Theadelphia | $\beta a \sigma \iota$ ． | $3 \frac{1}{6} \frac{1}{150} \frac{1}{12}$ | ．．． | ${ }_{1}^{1} \frac{1}{120}$ | $\begin{aligned} & 4,9,13,16,20,22, \\ & 25,28,35,39,42, \\ & 46,48,52,55,84 . \end{aligned}$ |
| ＂ | ＂ |  | $\cdots$ | $\frac{1}{3} \frac{1}{15} \frac{1}{200}$ | 16，89． |
| ＂ | ＂， | ${ }^{\frac{1}{4} \frac{1}{50} \frac{1}{50} \frac{1}{300} \frac{1}{12}}$ | $\ldots$ | ．．．． |  |
| ＂＂ | ＂ |  | $2 \frac{1}{12}$ | ．．． | 35. |
| ＂， | $\stackrel{\text {＂}}{\text { m }}$ \％óóo． |  | 1 |  |  |
| ＂， | ${ }_{\text {i }}^{\text {i¢fááóor }}$ | $5^{5 \frac{1}{5}} \frac{1}{30}{ }^{\frac{1}{5}}{ }^{\frac{1}{500}}$ | ．．． | ${ }^{1} \frac{1}{40 \times 0}{ }^{\frac{1}{40}}$ | $\begin{aligned} & 4,9, I_{3} . \\ & 5^{2} . \end{aligned}$ |
| Euhemeria | 阝aбı． | $5 \frac{1}{3} \frac{1}{10} \frac{1}{50} \frac{1}{600}$ | $\frac{1}{6} \frac{1}{20} \frac{1}{20} \overline{0}$ | $\frac{1}{2} \frac{1}{75}$ | $5,10,17,25,42$, |
| Polydeucia | ＂ | $3 \frac{1}{2} \frac{1}{20} \frac{1}{150}$ | ．．． | $\frac{1}{3} \frac{1}{10} \frac{1}{60} \frac{1}{150}$ | ［83］，${ }^{\text {2 }} 36,46,70.48,56$, |
| ＂ | ＂ | ．．． | $5 \frac{1}{4}$ | ．．． | $\begin{gathered} 73,78,86,90 . \\ {[29], 36,56,63,73,} \\ 78,81,87,[90] . \end{gathered}$ |
| Uncertain ． | тро⿱宀八九力． | $6 \frac{1}{2} \frac{1}{20}$ | ．．． | ．．． |  |

The artaba is commonly divided in the series $\frac{1}{2} \frac{1}{4} \frac{1}{8}$ (but no further), and in the series $\frac{1}{3} \frac{1}{6} \frac{1}{12} \frac{1}{24} \ldots ; \frac{1}{5}$ and $\frac{1}{10}$ also occur (cf. e. g. P. Fay. IOI), but the only parallels for the irregular fractions in 1446 are in P. Tebt. 341, where the fractions $\frac{1}{15} \frac{1}{20} \frac{1}{45}$ (?) $\frac{1}{84}$ (? ; but cf. 1446.99), $\frac{1}{375}$ and $\frac{1}{1500}$ are found, and 986 , where the fractions $\frac{1}{15} \frac{1}{16} \frac{1}{20} \frac{1}{40}$ and $\frac{1}{75}$ occur, in both cases in the rents of State lands, as here. Since the corn is described in P. Tebt. as кaӨapós, probably here too the presence of the curious fractions is due to a deduction for кá $\theta a \rho \sigma \iota s$ (cf. P. Tebt. 92. 9, n.) or каколєт $i ́ a$ (cf. 1447. 6). The position occupied by the fraction $\frac{1}{12}$ in the wheat payments for $\beta a \sigma \iota \lambda \iota \kappa \grave{\eta} \gamma \hat{\eta}$ at Theadelphia violates the rule that fractions are placed in a descending scale. In one place $(1.55)$ the difficulty can be avoided by interpreting $\tau^{\prime} \iota^{\prime} \beta^{\prime}$ as $\frac{1}{3} \frac{1}{2}$ instead of $\frac{1}{30} \frac{1}{12}$, but in the other instances, in all of which $\iota^{\prime} \beta^{\prime}$ follows $\rho^{\prime} v^{\prime}$, it is necessary to alter $\iota^{\prime} \beta^{\prime}$ to e. g. $\tau^{\prime} \iota^{\prime} \beta^{\prime}$, in order to prevent an exception to the rule. Since there are too many instances to make the hypothesis of omission probable, we prefer to suppose that the variation in this group of entries was due to the addition of an extra $\frac{1}{12}$ artaba to the rent, like that mentioned in l. 35 .

With regard to the size of the artaba, many of the small fractions, e. g. $\frac{1}{15}$ $\frac{1}{30} \frac{1}{60} \frac{1}{75} \frac{1}{12}-\frac{1}{150}-\frac{1}{300} \frac{1}{60}-$, would suit an artaba of 30 choenices, others, e.g. $\frac{1}{20} \frac{1}{40} \frac{1}{20}$, an artaba of 40 , or, in the case of $\frac{1}{50}$ and $\frac{1}{50}$, one of 25 or even 50 choenices. There is still much uncertainty concerning the normal standards of measurement in Egypt. Viedebantt (Hermes xlvii. 422 sqq., 562 sqq.) wished to abandon two points which had been generally regarded as fixed, the sizes of the chous and choenix; but his scheme of the artaba leaves out of account some important evidence of the papyri, especially P. Hibeh 85 and Leipzig 97, and the most recent evidence does not help to make the problems any easier. P. Ryl. I66 shows that the $\delta \rho o \rho^{\prime} o s-m e a s u r e ~ a t ~ E u h e m e r i a ~ i n ~ A . D . ~ 26 ~ c o n t a i n e d ~$ $33 \frac{1}{6}$ choenices, whereas elsewhere that measure appeared to contain 42 . An unpublished Fayûm loan of A.D. 87 mentions artabae $\mu \epsilon ́ \tau \rho \omega \iota \tau \epsilon \tau a ́ \rho \tau \omega \iota ~ \Phi \iota \lambda i ́ \pi \pi \omega \iota$
 $\Phi \iota \lambda i \pi \pi o v$ in P. Brit. Mus. 265 referred to a private person at Hermopolis called
 of the fractions in 1446 are є́катобтаí.

We omit some of the entries, which contain nothing of special interest except the following rare or unknown names (all genitive and masculine except

 (cf. the Oxyrhynchite village in 1426. 6), 'Apєíov '̇ $\pi(\iota \kappa a \lambda o v \mu e ́ v o v) ~ \sum \alpha к i ́ \sigma \tau(o v ?), ~$



## Col. i.

Ends of 3 lines.

+ [ 20 letters $\kappa \alpha i$ ( $\mu \epsilon ́ \tau о \chi o \iota) ~ \tau \epsilon \tau \epsilon \lambda(\epsilon \nu \tau \eta \kappa o ́ \tau \epsilon s) ~ \Theta \epsilon \alpha \delta \epsilon \lambda(\phi \epsilon i \alpha s) \quad \beta \alpha \sigma] \iota \lambda(\iota \kappa \eta s)$ $\gamma(\hat{\eta} s) \dot{\alpha}(\nu \dot{\alpha})(\pi v \rho \circ \hat{v}) \quad(\alpha \rho \tau \alpha ́ \beta \alpha s) \quad \gamma s^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \quad \phi \alpha \kappa о \hat{v}(\dot{\alpha} \rho \tau \alpha ́ \beta \eta \nu) \alpha \rho^{\prime} \kappa^{\prime}$


5 $\left[(\alpha \dot{\alpha} \tau \alpha \dot{\alpha} \beta \eta s) \varsigma^{\prime} \mu^{\prime} \sigma^{\prime}\left(\alpha^{\prime} \rho o v \rho \alpha \iota\right) \ldots, E u ̉ \eta(\mu \in \rho \in i ́ \alpha s) \quad \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s) \quad \dot{\alpha}(\nu \grave{\alpha})\right.$ ( $\left.\left.\pi v \rho.) \epsilon \gamma^{\prime} \iota^{\prime} \nu^{\prime} X^{\prime} \kappa(\rho \iota \theta \hat{\eta} s)(\dot{\alpha} \rho \tau \alpha ́ \beta \eta s)\right] \varsigma^{\prime} \kappa^{\prime} \sigma^{\prime} \phi \alpha[k o] \hat{v}(\alpha \dot{\alpha} \rho \tau \alpha \dot{\alpha} \beta\rangle\right)<o^{\prime} \epsilon^{\prime}$

 Evंסaímovos
7 [каì 28 letters ]'Iбरิтоs " $\Omega \rho о v \tau v \phi \lambda о \hat{v} к \alpha i ̀ ~ ' H \rho \alpha i ̈ ́ \sigma к о v ~ ' А к о i ́ к є \omega s ~ к \alpha i ̀ ~$ Пoбєíos $\Theta$ Є́ $\omega \nu$ роs
[каi 28 letters $] \omega s$ i $\in \rho \in ́ \omega s$.
Ends of + lines.
I3[ 22 letters $\kappa \alpha i$ ( $\mu \in ́ \tau 0 \chi o \iota) ~ \tau \epsilon \tau \epsilon \lambda(\epsilon u \tau \eta \kappa o ́ \tau \epsilon S) ~ \Theta \epsilon \alpha \delta] \in \lambda(\phi \epsilon i ́ \alpha s) \beta \alpha \sigma \iota \lambda(\iota \kappa \bar{\eta} s)$ $\gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).(\dot{\alpha} \rho \tau.) \gamma \zeta^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \phi \alpha \kappa о \hat{v}(\dot{\alpha} \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}\left(\alpha^{\prime} \rho o v.\right) \lambda \varsigma \eta^{\prime}$, $\pi \rho o \sigma o ́ \delta(o v) \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \epsilon \epsilon^{\prime} \lambda^{\prime} \phi^{\prime} \phi \alpha \kappa(o \hat{v})(\dot{\alpha} \rho \tau.) \varsigma^{\prime} \mu^{\prime} \sigma^{\prime}$


15 [ 3I letters ] каì то̂ $\alpha \dot{\alpha} \delta \in \lambda(\phi о \hat{v})$.
I6 [ 2 I letters каì ( $\mu \epsilon ́ \tau о \chi \circ \iota) ~ \tau \epsilon \tau \epsilon \lambda(\epsilon \cup \tau \eta \kappa o ́ \tau \epsilon s) ~ \Theta \epsilon \alpha \delta] \epsilon \lambda(\phi \epsilon i ́ \alpha s) \quad \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s)$ $\gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})(\pi \nu \rho).(\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota \beta^{\prime} \phi \alpha \kappa 0 \hat{v}(\dot{\alpha} \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}\left(\alpha^{\prime} \rho \circ v.\right) \downarrow \epsilon \delta^{\prime}$, $\dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \gamma \sigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \phi \alpha к о \hat{v}(\alpha \rho \tau.) \gamma^{\prime} \iota^{\prime} \epsilon^{\prime} \sigma^{\prime}$
 $\dot{\alpha}(\nu \grave{\alpha})](\pi \nu \rho.) \epsilon \gamma^{\prime} \iota^{\prime} \nu^{\prime} \chi^{\prime} \kappa(\rho \iota \theta).(\dot{\alpha} \rho \tau.) \varsigma^{\prime} \kappa^{\prime} \sigma^{\prime} \phi \alpha \kappa о \hat{v}(\dot{\alpha} \rho \tau.) \angle o^{\prime} \epsilon^{\prime}\left(\alpha^{\prime} \rho o v.\right)$ $\gamma \gamma^{\prime}, \nu v \nu i ̀ ~ \gamma \epsilon \omega \rho \gamma(о v ́ \mu \epsilon \nu \alpha \iota)$ v̀mò $\Lambda о v к \hat{\alpha} \tau o s$
 роs) $\mu \eta(\tau \rho o ̀ s) ~ \Sigma$ ' $\alpha \rho \alpha \pi о \hat{v} \tau о s ~ к \alpha i$
19 [ 32 letters ]
Ends of 5 lines.
25 [ 20 letters каì ( $\mu$ є́тоХоı) тєтє入( $\epsilon v \tau \eta \kappa o ́ \tau \epsilon s) ~ \Theta \epsilon \alpha \delta \epsilon \lambda(\phi \epsilon i ́ a s) \quad \beta \alpha \sigma \iota \lambda(\iota \kappa \bar{\eta} s)$ $\gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})](\pi v \rho).(\dot{\alpha} \rho \tau.) \gamma 5^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \phi \alpha \kappa о \hat{v}(\dot{\alpha} \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}\left({ }_{\alpha} \rho \rho \nu_{0}\right) \kappa \delta$, Eủ $\eta(\mu \epsilon \rho \in i ́ \alpha s) \beta \alpha \sigma \iota \lambda(\iota \kappa \bar{\eta} s) \gamma(\hat{\eta} s) \quad \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \in \gamma^{\prime} \iota^{\prime} \nu^{\prime} \chi^{\prime} \kappa(\rho \iota \theta).(\dot{\alpha} \rho \tau$. $\varsigma^{\prime} \kappa^{\prime} \sigma^{\prime}$
[факой ( $\dot{\alpha} \rho \tau.)<o^{\prime} \epsilon{ }^{\prime}\left({ }_{\alpha} \rho o v.\right)$.., vvvì $\gamma \epsilon \omega \rho \gamma(o v ́ \mu \epsilon \nu \alpha \iota)$ vimò 10 letters ]os

[ 30 letters к]aì $\Lambda \alpha \lambda \hat{\alpha} \tau o s ~ ' A k o u ́ ı \tau o s ~ \dot{\alpha} \lambda l e ́ \omega s . ~$
 $\dot{\alpha}(\nu \grave{\alpha})(\pi \nu \rho$.) ( $\left.\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime}\right]$ факои ( $\dot{\alpha} \rho \tau$.) $\alpha \rho^{\prime} \kappa^{\prime}\left({ }^{\alpha} \rho о v.\right) \kappa \eta \angle, \Pi о \lambda v-$ $\delta(\epsilon v \kappa \epsilon i ́ a s) \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s) \llbracket \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).(\dot{\alpha} \rho \tau) \rrbracket \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \gamma \angle \kappa^{\prime} \rho^{\prime} \nu^{\prime}$ $\phi \alpha \kappa(0 \hat{v})(\dot{\alpha} \rho \tau.) \gamma^{\prime} \iota^{\prime} \xi^{\prime} \rho^{\prime} \nu^{\prime}$


[ 30 letters к]aì 'Aка̂тos 'Akoúıтos.
Ends of 4 lines.
10 letters $\kappa \alpha \grave{i}(\mu \epsilon ́ \tau o \chi o \iota) \tau \epsilon \tau \epsilon \lambda(\epsilon \nu \tau \eta \kappa o ́ \tau \epsilon s) ~ \Theta \epsilon \alpha \delta \epsilon \lambda(\phi \epsilon i ́ \alpha s) \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s)$ $\dot{\alpha}(\nu \grave{\alpha})(\pi v \rho$.) ( $\left.\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \phi \alpha \kappa 0\right] \hat{v}(\dot{\alpha} \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}(\dot{\alpha} \rho \rho v.) \mu \alpha \angle \eta^{\prime}, \dot{\alpha}(\nu \grave{\alpha})$
 $\kappa(\rho \iota \theta).(\dot{\alpha} \rho \tau.) \iota^{\prime} \beta^{\prime}$,
$\left[\left({ }_{\alpha} \rho \rho \nu.\right) . ., \Pi о \lambda v \delta(\epsilon v \kappa \epsilon i \alpha s) \beta \alpha \sigma \iota \lambda(\iota \hat{\gamma} \bar{s}) \gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \gamma \angle \kappa^{\prime} \rho^{\prime} \nu^{\prime} \phi \alpha \kappa о \hat{v}\right.$ ( $\left.\dot{\alpha} \rho \tau.) \gamma^{\prime} \iota^{\prime}\right\} \xi^{\prime} \rho^{\prime} \nu^{\prime}\left(\dot{\alpha}^{\prime} \rho o v.\right) ~!\alpha, \alpha, \dot{\alpha}(\nu \grave{\alpha}) \kappa(\rho \iota \theta).(\dot{\alpha} \rho \tau.) \in \delta^{\prime}\left(\alpha{ }^{\prime} \rho o v.\right) \eta, \nu v \nu \grave{\imath}$


Ends of 2 lines.
 $\gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).(\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \phi \alpha \kappa o \hat{v}(\dot{\alpha} \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}\left(\alpha{ }^{\alpha} \rho o v.\right) \nu \varsigma \angle \delta^{\prime} \eta^{\prime}$, $\dot{\alpha}(\nu \grave{\alpha}) \kappa(\rho \iota \theta)\left(\begin{array}{c}\alpha \\ \rho \\ \text {. }\end{array}\right) \alpha\left(\alpha^{\prime} \rho o v.\right) \gamma$,
 $\tau \epsilon \tau \epsilon \lambda(\epsilon u \tau \eta \kappa o ́ t o s)$ Sià 'Aovtíov vioô каì

Ends of in lines.






 'A $\epsilon \hat{v} \tau o s \dot{\alpha}^{\delta} \delta \epsilon \lambda \phi 0 \hat{v}$.
Io letters $\kappa \alpha \grave{\imath}(\mu \epsilon ́ \tau 0 \chi \propto \iota) \tau \epsilon \tau \epsilon \lambda(\epsilon \nu \tau \eta \kappa o ́ \tau \epsilon S) \Theta_{\epsilon \alpha \delta \epsilon \lambda(\phi \epsilon i ́ a s)} \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s)$
$\left.\dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).(\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime}\right] \phi \alpha \kappa о \hat{v}(\dot{\alpha} \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}(\alpha \ddot{\alpha} \rho o v.) \nu \angle \iota^{\prime} \varsigma^{\prime} \xi^{\prime} \delta^{\prime}$, $\dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).(\alpha \rho \tau.) \delta \delta^{\prime} \nu^{\prime} \tau^{\prime} \iota^{\prime} \beta^{\prime}\left({ }_{\alpha} \rho \rho 0 v.\right) \circ \beta \xi^{\prime} \delta^{\prime}, \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \alpha\left(\alpha^{\prime} \rho o v.\right) \beta$, $\left[\dot{\alpha}(\nu \grave{\alpha}) \kappa(\rho \iota \theta).(\dot{\alpha} \rho \tau.) \ldots(\alpha \not \rho \rho v.) \ldots, \Pi_{0} \lambda v \delta(\epsilon v \kappa \epsilon i \alpha s) \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})\right.$ ( $\left.\pi \nu \rho.) \gamma \angle \kappa^{\prime} \rho^{\prime} \nu^{\prime} \phi \alpha\right] \kappa o \hat{v}(\dot{\alpha} \rho \tau.) \gamma^{\prime} \iota^{\prime} \xi^{\prime} \rho^{\prime} \nu^{\prime}\left(\alpha^{\prime} \rho o v.\right) \iota \delta, \dot{\alpha}(\nu \grave{\alpha}) \kappa(\rho \iota \theta$.) ( $\alpha \rho \tau$.)

 'O $\rho \sigma \dot{v} \theta \mu \epsilon \omega$ s 'E $\sigma \kappa \iota \in \sigma \lambda \alpha ́ \kappa \iota\langle 0\rangle s$
 $\kappa \alpha i ̀ \sum \alpha \rho \hat{\alpha} \tau o s \sum_{\alpha \rho \alpha \pi i ́ \omega(\nu O s)}$
59 [30 letters ]
Col. ii.
Beginnings of 24 lines.
 $\lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s) \dot{\alpha}(\nu \dot{\alpha})(\pi v \rho).(\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime} \phi\left[\alpha \kappa o \hat{v}(\alpha \rho \tau.) \alpha \rho^{\prime} \kappa^{\prime}\left({ }_{\alpha} \rho \rho o v.\right)\right.$ .., $\nu v \nu \grave{\iota} \gamma \epsilon \omega \rho \gamma(0 \cup \mu \epsilon \nu \alpha \iota)$ v̇ $\pi o ̀$

 ко́тєs) [ $\Pi 0 \lambda \nu \delta(\epsilon \cup \kappa \epsilon i ́ \alpha s) \beta \alpha \sigma \iota \lambda(\iota \kappa \hat{\eta} s) \gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).\left(\dot{\alpha} \rho \tau\right.$.) $\gamma \angle \kappa^{\prime} \rho^{\prime} \nu^{\prime}$
 $\mu \in \nu \alpha \iota)$ vं $\pi \grave{o}$

 $\tau \eta \kappa o ́ \tau \epsilon s) \Theta \epsilon \alpha \delta \epsilon \lambda(\phi \epsilon i \alpha s) \beta \alpha \sigma \iota \lambda(\iota \kappa \bar{\eta} s) \gamma(\hat{\eta} s) \dot{\alpha}(\nu \grave{\alpha})(\pi v \rho).(\dot{\alpha} \rho \tau.) \gamma \varsigma^{\prime} \rho^{\prime} \nu^{\prime} \iota^{\prime} \beta^{\prime}$
 ( $\pi v \rho$.) ( $\dot{\alpha} \rho \tau$.) $\gamma \angle \kappa^{\prime} \rho^{\prime} \nu^{\prime}\left[\phi \alpha \kappa o \hat{v}\left(\dot{\alpha} \rho \tau\right.\right.$.) $\gamma^{\prime} \iota^{\prime} \xi^{\prime} \rho^{\prime} \nu^{\prime}\left(\alpha \alpha^{\prime} \rho \nu v.\right) \ldots, \alpha^{\alpha}(\nu \grave{\alpha}) \kappa(\rho \iota \theta)$. $\epsilon \delta^{\prime}(\alpha ้ \rho o v.) . ., \nu v \nu i \quad \gamma \epsilon \omega \rho \gamma(o v ́ \mu \epsilon \nu \alpha \iota)$ vi $\pi \grave{o}$

 (炽ov.) $\beta<\lambda^{\prime} \beta^{\prime}$ [

94 каì á $\pi \grave{o} \pi \epsilon \delta i ́ \omega \nu$ к $\omega \mu \eta s$ Mayaî̃os.
95 каi ג̇тò $\pi \epsilon \delta i ́ \omega \nu$ к $\omega \mu \eta s$ 'Aprıádos (ápov.) $\epsilon \boldsymbol{\gamma}^{\prime}$.
96 каi à $\pi \grave{o} \pi \epsilon \delta i ́ \omega[\nu$ к $\omega$ $\mu \eta s$ $\pi \epsilon \delta i ́ \omega \nu \quad \kappa \omega \mu[\eta \zeta$

97 кvápov (ápт.) [ 98 каi áттò $\dot{\alpha}(\nu \grave{\alpha})(\pi v \rho.) \varsigma \angle \pi^{\prime} \delta^{\prime}[\quad 100 \kappa \alpha \grave{\imath} \tau$ K

4. $\overline{\gamma_{5 \rho \nu} \beta} \Pi$; so with the other cases of groups of fractions. 7. ұраїбкош $\Pi$.
 and 30. 28. Dots are placed above $a(\nu a)(\pi v \rho$.) (à $\rho \tau$.). 30. ov of aкovïros corr. from $a$.
 86. лахоїs П. 94. наүaïסos П.

Il. 4-8. '. . . and . . . and associates, deceased, at Theadelphia $59 \frac{3}{4}$ arurae of Crown land rented at $3 \frac{1}{6} \frac{1}{150} \frac{1}{12}$ artabae of wheat, $\frac{1}{120}$ art. of lentils, . . ar. of confiscated (?) land at $5 \frac{1}{5} \frac{1}{30} \frac{1}{500}$ art. of wheat, $\frac{1}{6} \frac{1}{40} \frac{1}{200}$ art. of lentils, at Euhemeria 7 ar. of Crown land at $5 \frac{1}{3} \frac{1}{10} \frac{1}{50} \frac{1}{600}$ art. of wheat, $\frac{1}{6} \frac{1}{20} \frac{1}{200}$ art. of barley, $\frac{1}{2} \frac{1}{75}$ art. of lentils, now cultivated by Aphrodisius son of ...,...son of Mustharas and Ischeis his brother, Horion son of Eudaemon, . . ., Isas son of Horus, blind, Heraïscus son of Akoikis, Poseis son of Theon, . . ., priest.'

4-5. For the restorations of the village-names and rents cf. the table in int. For $\pi$ poróoov $\gamma \hat{\eta} \mathrm{cf}$ 1434. 7 , n.
17. The rent collected in barley at Theadelphia was probably either $2 \frac{1}{12}$ art. (cf. l. 35) or I art. (cf. l. 39) per arura; cf. l. 56.
18. $\mathfrak{a} \pi\left(\right.$ áropos ): this abbreviation is common in Preisigke, S.B. ${ }_{5} 124$.
35. On the extra $\frac{1}{12}$ art. of barley added to the rent cf. l. 92 and int.
53. Jatameitos: possibly k]ai 'Ameiros; but there is not room for another name unless there was some omission in the usual statement of the rents.
54. $\mu] v \lambda(\omega \nu \kappa \kappa \hat{v})$ : the abbreviation recurs in 1. 68; cf. P. Brit. Mus. 335.7 (ii. 191)
 i. 3), or $\mu \nu \lambda$ (ovpyov̀) is also possible.
55. $\tau^{\prime} i^{\prime} \beta^{\prime}$ : probably $\frac{1}{300}+\frac{1}{12}$; cf. int.
56. Cf. l. і7, n.

58. $\sigma \tau \rho \circ \beta i \lambda a ̂ s$ ('distorted ') seems to be a new form.
84. $\mathrm{a} \pi \mathrm{o}(\mathrm{)}$ : cf. l. 89. The abbreviation, which recurs in ll. $60-83$, ends with a horizontal stroke above the last letter, which elsewhere in the case of каi ( $\mu$ éтохо九), Eüך ( $\mu \in \rho \epsilon i a s$ ) and Xaı $\eta^{\prime}(\mu o v o s)$ is really a degeneration of $\mu$, but with $\gamma \epsilon \omega \rho \gamma($ (ov́ $\mu \epsilon v a \iota)$ and apparently $\dot{\text { opıo- }}$
 possible, if the word is contrasted with $\tau \epsilon \tau \epsilon \lambda(\epsilon v \tau \eta \kappa o ́ \tau \epsilon s)$.
92. $\delta \rho[\iota 0]$ ( $\delta$ єíктov) : the end of a horizontal stroke (not $\delta$ ) above the last letter is visible;

93. The 23 rd year of Antoninus was a census-year, and кат' oiкiay a a $\pi о \gamma \rho a \neq \bar{\eta} s$ can be supplied with $\tau \hat{\eta} s \gamma \epsilon \nu \nu(\mu \hat{\epsilon} \nu \eta s)$; but e. g. $\dot{\epsilon} \pi \iota \sigma \kappa \epsilon \in \psi \epsilon \omega s$ (cf. 1. $9^{2}$ ) would rather be expected in this context.
99. For $\frac{1}{84}$ art. cf. P. Tebt. 341 , quoted in int. The second figure may be $\beta$ here.
1447. RECEIPT FOR CORN-DUES.

This receipt, issued by a sitologus in the reign of Claudius, for corn-dues of an unspecified character is parallel to 287 and $383-4$ (reign of Tiberius), and differs somewhat from the stereotyped formula of this class of receipts from the
reign of Domitian onwards (cf.e.g. 1541-2). The payer was a woman, not a taxcollector as apparently in 287, and the dues were probably not rent of State lands, but land-tax on other kinds of land; cf. P. Fay. 8I. int., Ryl. 202 ( $a$ ). 8, n. There are three special points of interest, the ${ }_{\eta}^{\eta} \mu \dot{\epsilon} \rho a \beth_{\epsilon} \beta a \sigma \tau \eta^{\prime}(1.2, \mathrm{n}$.), the mention of the artaba каүкє́ $\lambda \lambda \omega$, which has not previously been recognized before the sixth century (l. 4, n.), and the explanation of the $4 \dot{\varepsilon} \kappa a \tau o \sigma \tau a i$ added to the main payment as due to каконєтрía (1. 6, n.). The writing is along the fibres of the verso, the recto having only a date in a different hand.



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    ó \(\sigma \iota \tau 0 \lambda(o \gamma \hat{\omega} \nu)\) тoùs \(\pi \epsilon \rho \grave{\imath}\) Пє́ \(\lambda \alpha\) тó \(\pi(o u s) ~ \mu \epsilon \mu \epsilon ́ \tau \rho \eta(\mu \alpha \iota) \pi \alpha \rho \grave{\alpha} \quad A \rho[. .]\).
        \(\tau \bar{\eta} S\)
```



```
        \(\pi \alpha(\nu \tau \alpha) \mu\left[\epsilon_{\epsilon} \tau \rho \omega\right] \tau \hat{\varphi} \kappa \alpha \nu-\)
```




On the recto
2nd hand $\delta$ (ётovs) T[l] $\beta \epsilon \rho i ́ o v[K \lambda a v \delta i ́ o]$ y [Kaí] $\sigma \alpha \rho o s$.
'The $4^{\text {th }}$ year of Tiberius Claudius Caesar Augustus Germ. Imp., Epeiph 21, dies Augustus. I, Theon, sitologus of the district of Pela, have had measured to me by Ar . . . daughter of Phatris son of Apollonius through Heras son of Onnophris iI $\frac{1}{4}$ artabae of wheat in all, by the cancellus measure, and the 4 hundredths required as compensation for the faulty measure. (Endorsed) The $4^{\text {th }}$ year of Tiberius Claudius Caesar.'
2. 'Етєi申 ка $\left\lceil\Sigma_{\epsilon}\right\rceil \beta u(\sigma \tau \hat{\eta})$ : on the $\dot{\eta} \mu \epsilon \in \rho a \iota \Sigma_{\epsilon} \beta a \sigma \tau a i$ see Blumenthal, Archiv, v. 337 sqq. The evidence collected by him is supplemented by four instances in the reign of Gaius in the Rylands papyri ( 167.34 Sebastus 3, 230.13 Neus Sebastus 6, 144.5 Pauni 2, 151.21 Soter 20), and two in the reign of Trajan (P. Ryl. 202 (a). 4 Thoth 21, P. S. I. 40. 16 Mecheir $\mathbf{1} 6$ ), besides the present passage. Some of the days are no doubt rightly explained as monthly commemorations of the birthday or accession-day of the Emperor or his predecessors. The 2 Ist as $\Sigma_{\epsilon} \beta a \sigma \pi \dot{\eta}$ occurs in 288. i9 (Pauni of the 1 oth year of Tiberius; but the reading of the figures is uncertain) and in P. Ryl. $202(a)$. 4, where it is the actual anniversary of Trajan's birthday. This number does not suit the birthdays or accessiondays of Tiberius, Gaius, and Claudius, which are all accounted for in the i i $\mu \in \epsilon^{\prime} \rho a \iota \Sigma_{\epsilon} \beta a \sigma \tau a i ~ b y ~$ other numbers (cf. Blumenthal, l.c., P. Ryl. ii, p. 142); but, especially if the reading in 288. 19 is correct, the 2 Ist may well be connected with Augustus, who assumed that title on Jan. 16, corresponding to Tubi 21, and possibly the instance in which Thoth 21 is $\Sigma_{\epsilon} \beta a \sigma t r^{\prime}$ in Trajan's time is also to be explained as a survival of the same commemoration.

If the 2 Ist in the Tiberius-Claudius period is not connected with Augustus, it presumably commemorated some member of the Imperial family; cf. Blumenthal, op. cit. 34 I .
3. Пéda: a large village in the western toparchy; of. 1285. 8í.
 $\delta_{\iota}(a \sigma \tau a \lambda \hat{\eta} s)$ or $\delta \iota(a \gamma \rho a \phi \hat{\eta} s)$ might be read, but is unsatisfactory in this context, whereas $\delta \iota(\hat{a})$ is
 masculine or feminine.
$\sigma(\dot{v} \mu) \pi a(\nu \pi a)$ : cf. 287. $6 \pi v p(o \hat{v})[\sigma \dot{v}] \varphi \pi a \nu \tau a$ (the final $a$ is written above the line), 384 $\pi \nu \rho \hat{\imath} \tau \rho \iota \omega($ ) $\sigma v i v \pi(a \nu \tau a), 289.2, ~ 15, \& c .$, where 1. $\sigma(\dot{v} \mu) \pi a(\nu \tau a)$ before ( $\delta \rho a \chi \mu a ́ s)$, and 574.
$\left.\mu^{[ } \epsilon \tau \rho \hat{\omega}\right] \tau \hat{\omega} \kappa а \nu \kappa \epsilon \lambda \lambda \omega$ : corn described as каүкє $\lambda \lambda \omega$ is frequently met with in late Byzantine papyri, and Becker's explanation of it (P. Heidelb. iii, p. $3^{2}$ ) as derived from the Persian qanqal, not the Latin cancellus, is accepted by Wilcken, Grundz. lxx. But каүкє́ $\lambda \lambda \omega$ or an adjective formed from it was probably meant by a mysterious word in P. Brit. Mus. 256 (a).
 (the preceding words being $\mu \epsilon[\tau \rho \omega \hat{\omega} \delta \eta \mu 0] \sigma i \omega$, and the succeeding $\tau \hat{\omega} \alpha \hat{\nu} \nu \nu \eta \nu \epsilon \gamma \mu \epsilon \in \nu \omega$ ), and supposed to be an error for $\chi^{a \lambda \kappa \eta \lambda a ́ \tau} \omega$. The scribe of that papyrus is very inaccurate and elsewhere confuses $o$ and $\omega$, so that $\kappa a \gamma \kappa \epsilon \lambda \lambda \omega$ with the omission of the second $\tau \omega$ is the most satisfactory correction of the passage. In an unpublished Byzantine tax-receipt from Oxyrhynchus 226 artabae $\sigma i ́ \tau o v ~ к а ү к \epsilon ̇ \lambda \lambda o v=200 ~ a r t . ~ к а \theta a p o v . ~ . ~$
5. $\tau[\dot{a} s \delta \in o]$ voas: the reading is far from certain, for $\eta$ is slightly preferable to $v$ and after $\sigma$ is a stroke which is not elsewhere employed by the writer in forming $a$, though it is hardly long enough for $\iota$, and may represent merely a false start. ] hocas suggests only $\gamma \nu] \eta \sigma i a s$, for which $\gamma \nu \eta \eta_{\sigma}$ a $\delta \eta \mu$ óvıa in P. Amh. 86. 10 (cf. 1409. 20, n.) is not a very close
 seems to have been meant, the error being due to the preceding genitive.
6. For каконєтрía the lexica quote only Eustathius, who uses it for 'bad metre'; it has not occurred previously in papyri, though additional ékarootai are found frequently for
 occurs in 1640. 5 .

## 1448. List of Arrears of Clothing.

$25.3 \times 17 \mathrm{~cm}$.
About 318.
This list of arrears of clothing owed by a number of villages was found with 1424-5 and is of approximatcly the same date. It is remarkable for the minute fractions of the $\sigma \tau \iota \chi \alpha ́ \rho \iota a$ and $\pi a \lambda \lambda i ́ a$, which are divided, like the artaba (cf. 1446. int.), in the two series $\frac{1}{2} \frac{1}{4} \frac{1}{8}$ and $\frac{1}{3} \frac{1}{6} \frac{1}{12} \frac{1}{24} \frac{1}{48}$. An instance of the division of $\chi^{\lambda \lambda a \mu v ́ \delta e s ~ i n t o ~ s i m i l a r ~ f r a c t i o n s, ~ w h i c h ~ h a d ~ o c c u r r e d ~ i n ~ P . ~ B r i t . ~ M u s . ~ 1259 . ~ v e r s o ~}$ (iii. 239), now loses its singularity. Of the seventeen villages mentioned the first four, which were formerly in the Thmoisepho toparchy (cf. 1285. I22 sqq.), are known from P. Giessen 115 . ii to have been in the 8 th pagus at this period, and Dositheou (1.8), which was formerly in the lower toparchy (1285. 139), was in the same pagus (1425. 6), while Souis (1.7) occurs next to Dositheou in 1285, and Tholthis (1.6) was formerly in either the Thmoisepho or the lower toparchy (1285. I23, I4I). The ten villages from 1. Io onwards are, with one or two
exceptions (11. 10, 12 , nn.), new, and probably smaller than the first seven, two of
 century tends to supersede $\kappa \omega$ 白 ; cf. P. Tebt. ii, p. 365 . The whole list is likely to refer to the 8th pagus; cf. 1425. 4, n. . Some marginal notes have been inserted, referring to partial payments of the arrears. On the collection of clothing for military purposes in the Byzantine period see P. Leipzig 59-60, Goodspeed, Class. Philol. Io (Preisigke, S. B. 442I), 1136, 1428, and for the earlier j $\theta o v \imath \eta \rho \alpha ́ ~ 1414 . ~ i n t . ~$

| ${ }^{\prime} E_{\chi} \theta \epsilon \sigma \iota \varsigma \quad \sigma \tau \iota \chi \alpha \rho i \omega \nu$ каi $\pi \alpha \lambda \lambda i \omega \nu$. |  |
| :---: | :---: |
| éXovaı Méalavos | T $\dagger \in \omega$ S $\sigma \tau \iota \chi\left(\alpha \alpha^{\rho} \iota \alpha\right) \delta \beta^{\prime} \pi \alpha \lambda(\lambda i o v) ~ \angle, ~$ |
| $\sigma \tau \backslash \chi(a ́ p l a) . \gamma$. | $K \epsilon \sigma \mu \circ \chi_{\chi} \epsilon \omega[s \quad \sigma \tau \iota] \chi(\alpha \dot{\alpha} \rho.) \beta \beta^{\prime} \quad \pi \alpha \lambda(\lambda)<.\gamma^{\prime} \kappa^{\prime} \delta^{\prime}$, |
|  |  |
| ${ }^{\text {en }}$ | $\Pi \alpha \omega \prime \mu \epsilon$ ¢ $\sigma \tau \iota \chi\left(\alpha \alpha^{\prime} \rho.\right) \gamma \beta^{\prime} \quad \pi \alpha \lambda(\lambda.) \angle \gamma^{\prime} \kappa^{\prime} \delta$ |
| $\begin{array}{ll}\text { OTıX(ípla) } \gamma \gamma^{\prime} . & 6 \\ & \\ & \\ & \end{array}$ | $\Theta \omega \lambda \theta \epsilon \omega s$ 位 $\quad \pi \alpha \lambda\left(\lambda_{0}\right) \gamma^{\prime}$, |
|  |  |
|  |  <br>  |
|  |  |
|  | Пєтрок( ) $\sigma \tau \iota \chi(\alpha \rho i ́ o u) ~ \varsigma^{\prime} \kappa^{\prime} \delta^{\prime} \pi \alpha \lambda(\lambda.) \iota^{\prime} \beta^{\prime}$, |
|  |  $\epsilon \in \pi o \iota \kappa(i o u) \quad \sum \alpha \rho \alpha \pi \alpha \hat{\alpha} \sigma \tau \iota \chi\left(\alpha \rho\right.$.) $\delta^{\prime} \kappa^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime} \pi \alpha \lambda(\lambda.) \eta^{\prime}$, |
|  | $N \alpha \alpha \iota \lambda(~) ~ \pi \alpha \lambda(\lambda.) \gamma^{\prime} \iota^{\prime} \beta^{\prime}$, |
| 15 |  |
|  | $\sigma \tau \iota \chi(\alpha \rho.) 5^{\prime} \kappa^{\prime} \delta^{\prime} \quad \pi \alpha \lambda(\lambda.) \iota^{\prime} \beta^{\prime}$, |
|  |  |
|  | $\Sigma \tau \rho o u ́ \theta o v ~ \sigma \tau \iota \chi(\alpha \rho.) \delta^{\prime} \kappa^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime} \pi \alpha \lambda(\lambda.) \eta^{\prime}$, |
|  | $\Psi \alpha \nu \omega \rho \mu \hat{\alpha} \sigma \tau \iota \chi\left(\alpha \rho_{0}\right) \iota^{\prime} \beta^{\prime} \mu^{\prime} \eta^{\prime} \quad \pi \alpha \lambda\left(\lambda_{0}\right) \kappa^{\prime} \delta^{\prime}$, |
| 20 | $\Theta \alpha \lambda \alpha \sigma \sigma о \kappa \alpha ́ \pi \rho о \nu \quad \sigma \tau \iota \chi(\alpha \rho.) \delta^{\prime} \kappa^{\prime} \delta^{\prime} \mu^{\prime} \eta^{\prime} \pi \alpha \lambda(\lambda.) \eta^{\prime}$. | On the verso

${ }^{\epsilon} \chi$ X $\theta \sigma \iota s \quad \sigma \tau \iota \chi \alpha \rho i ́ \omega \nu$ каì $\pi \alpha \lambda \lambda i ́ \omega \nu$.
14. vaaï $\lambda()$ П. І\%. $\pi \epsilon \lambda a і ̈ т о v ~ \Pi . ~$
I. $\tilde{\epsilon}^{\pi} \chi \theta_{\epsilon \sigma \iota s}$ : cf. P. Fay. $320{ }^{\epsilon} \chi \theta$. $\lambda_{o \iota \pi(o \gamma \rho a \phi o v \mu ' \nu \omega \nu}$ ?) and P. Hamb. i, p. $9^{5}$.
2. The marginal note 'They have received $3 \sigma \tau \iota \chi \dot{a} \iota a$ of Melas' refers to the $4 \frac{2}{3} \sigma \tau \iota \chi \dot{\alpha} \rho \iota a$ in this line. Melas is presumably a personal name, not a place-name.
5. The marginal note 'Diotimus, inhabitant of Dositheou, has paid for them $3 \frac{1}{3} \sigma \tau \iota \chi \alpha ́ p \iota a$ '
refers to the $3 \frac{2}{3} \sigma \pi \iota \chi$. The final $\iota$ of $\Delta \iota^{\prime} \tau \iota(\mu$ os $)$ is not raised above the line, and a $\mu$ or a stroke above the line ought to have been visible, but $\delta \iota o ́ \tau c$ " $I \omega \nu$ cannot be read.
 Rep. 1904-5. 15 (= Preisigke, S. B. 1945), but cannot be read here, the a being nearly certain ; cf. int.
11. Пєтрок ( ) : or possibly Пєтроß( ).
 in P. Iand. $5^{\text {I. }}$ 6, where probably £кvта入iti $\delta$ os is to be read.
14. Naaid( ) : $\kappa$ or $\pi$ is possible in place of $\lambda$.

## V. DECLARATIONS TO OFFICIALS.

## 1449. Return of Temple Property.

Fr. $120.6 \times 7.6 \mathrm{~cm}$. Fr. $419.4 \times 10 \mathrm{~cm}$. A. D. $213-17$.
This elaborate return of dedicated offerings, drawn up by the priests of various temples at Oxyrhynchus and in the Oxyrhynchite and Cynopolite nomes, is parallel to parts of B. G. U. $590+162$ (W. Chrest. 91 ), $338,387,488,590$, 1023, P. Rainer 8 ap. Wessely, Karanis 59, Brit. Mus. 353 (ii. I 12 ), all from the Arsinoïte nome, P. Ryl. IIO (Hermopolis), and 521, a list of temple property at an Oxyrhynchite village or possibly the metropolis. B. G. U. 78 r , which has been sometimes regarded as a similar list, probably refers to a private deposit ; cf. Wilcken, Archiv, vi. 302. The deities worshipped at the shrines in question were in all Zeus, Hera, Atargatis Bethennun[is ?], Core, Dionysus, Apollo, and Neotera (ll. I-2 ; cf. I-5, nn.), other references to these cults at Oxyrhynchus being scarce. Probably all the six temples at Oxyrhynchus enumerated in 11. 3-6 were much less important than the two chief ones, the Serapeum and Thoëreum, both of which gave their names to ${ }^{\prime} \mu \phi о \delta a$ and appear in 1453 and in the list of the city buildings in 43. verso. Another probably minor temple, mentioned incidentally in 1.5 , was the Demetreum. The return, like B. G. U. 387 , was unaddressed, and may have been intended for the strategus or basilicogrammateus, to one or both of whom the annual $\gamma \rho a \phi a i$ i $\epsilon \rho \epsilon \epsilon \omega v$ каì $\chi \epsilon \iota \rho \iota \sigma \mu о \hat{v}$, exemplified by P. Tebt. 298 and the Berlin and Vienna papyri mentioned above, were sent in the first and second centuries. The address to those officials was often omitted in Oxyrhynchite àmoyoaфai (e. g. 1109 and 1548). The date, however, of 1449 (Hathur of the 22 nd -25 th year of Caracalla ; cf. 11.7, n., and 53 ) is subsequent to the establishment of senates, which became largely responsible for the temple administration, and one of the third-century parallels, P. Ryl. IIO (A.D. 259), was addressed to an $\dot{\alpha} \rho \chi \iota \pi \rho \circ ф \eta ; \tau \eta s$ of Alexandria. A contrast also seems to be drawn in 1. 16 between 1449 and ordinary $\gamma \rho \alpha \phi a i$, and since 1449 was certainly confined, like P. Ryl. 110, to a list
of the $\chi \in \iota \rho \iota \sigma \mu$ ós, the question which official was addressed remains uncertain. The omission is in any case to be connected with the fact that 1449 is a rough draft or copy, as is clearly shown by the frequent abbreviations and abrupt conclusion, without any signatures or date.

The four extant fragments do not join. Frs. I and 2, which come from the beginning, are separated by a gap, of which the size can only be determined with any approach to certainty in the case of 11.1 and $7-9$. Line 7 requires at least 27 letters between $\grave{a} \nu \alpha \theta \eta \mu \alpha ́ \tau(\omega \nu)$ [and ]v. A much longer restoration, inserting Av̇токрáropos Kaíซapos or $\tau 0 \hat{v}$ кvpíov $\grave{\eta} \mu \hat{\omega} v$ Av̉токрáтороs, as in ll. 40 sqq., before Mápкоv, would by itself be quite as satisfactory, but does not suit the corresponding lacunae in ll. 8 (of the same size) and 9 ( 5 letters longer), where the obvious restorations yield 24 and 32 letters respectively, and is only compatible with the corresponding lacuna in I. I ( 3 letters shorter) on the supposition that both the priest whose name is lost and his father had double names. The arrangement of Frs. I and 2 adopted in the text is therefore more probable. The ends of lines are also missing, but the certain restoration at the end of 1.8 serves to fix the approximate length of the lacunae in the other lines, though there may have been some irregularities ; cf. 1. 7, n. In 1. 12 there is a change of hand, the second being slightly smaller than the first. Fr. 4 consists of the first halves of lines belonging to the last column of the document, there being a blank space below 1. 65. Whether this column immediately followed the first is uncertain. The list of temples in 11. 3-7 does not correspond exactly to the later details, so far as these are preserved. Lines 8-II, and probably ll. 11-3I also (cf. l. II, n.), refer to a temple of Neotera which seems to have been mentioned at the beginning of 1. 5, unless it is the temple of Apollo and Neotera in 1. 4; 11. 40-1 apparently refer to one of the other five Oxyrhynchus temples, and $11.42-53$ to the Cynopolite village-temple mentioned in ll. 6-7 (cf. l. 42, n.) ; but ll. 54-65 are concerned with temples at various villages of the Oxyrhynchite nome which were not mentioned in ll. 3-7. There is not room in Col. i, of which the height is uncertain, but which is not likely to have exceeded 50 lines, for the account of the four remaining temples of Oxyrhynchus, if the dedications were at all numerous like those in the temple of Neotera; but there are indications that the account of the temple to which $11.40-1$ refer occupied only $2 \frac{1}{2}$ lines (l. $40, \mathrm{n}$.), and if the other four were also dealt with briefly or partly omitted, there were only two columns in all. Hence we have provisionally assigned Fr. 3, which contains the ends of 8 lines, to the lower part of Col. i. The few details preserved in it suggest that it refers to the same temple as $11.8-31$, for the objects described previously do not recur in it, and there is no trace of a mention of a new temple. But since no combination of Fr. 3 with 11.8 -3I is practicable,
the list of objects at the temple of Neotera, if it continued up to 1.39 or beyond, leaves only about io lines in Col. i available for the four temples not accounted for; and if one or more columns intervened between Cols. i and ii, Fr. 3 may equally well belong to the interval.

The unusually detailed list of offerings, including the donors' names where known (cf. 11. 9-12), though much obscured by lacunae, presents a number of points of interest. The first place in each section referring to a particular temple is given to an cikoviólov (e.g. 11. 8, 42,54, 63) of the reigning Emperor with his parents : the material of these triads is not stated but is likely to have been stone. There were also numerous statues or statuettes of gods, a छ́áavov of Demeter partly in Parian marble, partly in wood (11. 10-11), one of Neotera in bronze (1. 12), and another affixed to an uncertain object (1. 13), and one of an uncertain deity, partly in marble (1. 14), figures of Typhon (1. 14) and Harpocrates (1. 24), a gold statuette of Aphrodite (1.33?), àvòp $\mu$ avtápıa of Zeus and Hera (1.58) and perhaps of Demeter ( 1.49, n.), silver figures of Core (1.44) and apparently Bubastis (1. 19) on lamps, and a rudder representing Neotera (1. 14?). The other offerings, classified according to their materials, comprise (1) gold, lamps (11. 15,48 ), armlets, and finger-rings (1. I6; cf. 1. 12), spoons and pen (1. 17), pendant ( $\sigma \tau \rho a \gamma \gamma a \lambda i ́ s, 1.23$;
 objects (11. 17, 19 (with a $\pi \rho \circ \sigma \kappa v \nu \eta \tau$ ípıov?), 21, 25) ; (2) silver, pens (1. 17), armlets of different kinds, crescent and pendant (1. 18), mirror (1. 19), lamps (11. 19, 22; cf. 1. 44), altar (1.49), besides uncertain objects (11. 22-3) ; (3) bronze, mirror (11. 21-2, 56), spoons (1.30), lamps (11. 35-8), altar (1.47), trencher ( $\mu a \zeta$ Oovó $\mu \mathrm{os}, 11.5^{8,} 60$ ), uncertain (1.29) ; (4) stone, Iacchus-shrine (1.46) and other objects (11. 14, 20, 24); (5) wood, probably a table (1.23), couch (1.41), part of a lamp (1.44) ; (6) clothing, green robe (1. 13), cloaks ( $\pi a \lambda \lambda i \not o \lambda o v, 11.32,39$ ), íátia (1. 51), coverings ( $\pi \in \rho i-$ $\sigma \tau \rho \omega \mu a, 11.55,62$ ) ; (7) miscellaneous, pearl necklaces, one containing 52 pearls (1. 25), a pair of короі́кєа (1. 53, n.), and a daily supply of oil (1.65). Many of these objects are not found in the other lists of temple property; cf. Otto, Priester und Tempel, i. 327 sqq.

## Col. i. Frs. I and 2.

 $\kappa \alpha i ̀ 14$ letters $\mu \eta] \tau(\rho o ̀ s) A \dot{v} \rho(\eta \lambda i \alpha s)$ Ta $\alpha \phi \dot{v} \gamma \chi(\iota o s) \dot{\alpha} \mu \phi o \tau \epsilon ́ \rho \omega \nu \quad[. . . . .$. $\kappa \alpha i$ т $\hat{\nu} \nu$ ov̀v aủr(oís) $i \in \rho \in ́ \omega \nu \quad \Delta[\iota o ̀ s ~ \kappa \alpha i ̀ ~ " H \rho \alpha s ~ к \alpha i ̀ ~ ' A \tau \alpha \rho \gamma \alpha ́ \tau \iota \delta(o s) ~$

 троауov́б $\eta \mathrm{s}$ каi

 а́ $\mu$ фód(ov)

 $\lambda(\iota \omega ́ \tau \eta \nu)\left[\mu \epsilon ́ \rho \in \sigma \iota \nu\right.$ є́ $\pi^{\prime} \dot{\alpha} \mu \phi o ́ \delta(o v) . . .()$,
 $N \epsilon \omega \tau(\epsilon ́ \rho \alpha s)$ ?, каi є́ $\left.\boldsymbol{\pi}^{\prime} \dot{\alpha} \mu \phi o ́ \delta(o v)\right]$ П $\lambda \alpha \tau(\epsilon i ́ \alpha s)$ Є́к vóт(ov) тои $\Delta \eta \mu \eta \tau \rho(\epsilon i o v)$








 $\sigma \in \beta$ ốs $\Sigma_{\epsilon} \in \beta \alpha \sigma \tau o \hat{v}$

 $\alpha \nu \alpha \theta[\epsilon ́ \nu \tau(\omega \nu) 101 ., ~ \epsilon ́ \pi i$

 oरं $\dot{\eta} \pi \rho о \tau о \mu(\grave{\eta})$



 $\chi^{\alpha}(\lambda \kappa о \hat{v} \nu) \mu \epsilon \iota \kappa(\rho o ́ \nu), \delta \alpha \kappa \tau u ́ \lambda(\iota \circ \iota) \in[\alpha ̉ \nu \alpha \tau \epsilon \theta(\epsilon \in \nu \tau \in \varsigma)$ útiò . . . . . . . .




 $\kappa \alpha\left[\begin{array}{l}\text { I } \\ \hline\end{array}\right.$.



 $\theta \in i o(s)$ ?

 $\delta \alpha \kappa \tau v ́ \lambda(l o s) \alpha, \epsilon \in \pi i \quad[\tau o ̀ \alpha(\dot{o} \tau o ̀) \times \rho(v \sigma o \hat{v})(\tau \in \tau \alpha \dot{\alpha} \tau \tau \omega \nu)$ ?., 101.
${ }_{1} 7 \mu \nu ́ \sigma \tau(\rho \alpha) \chi \rho(v \sigma \hat{\alpha}) \beta, \gamma \rho[\alpha] \phi \epsilon[\hat{\iota} 0(\nu)] \chi \rho(v \sigma o \hat{v} \nu) \mu \epsilon \iota \kappa(\rho o ̀ v) \alpha, \quad \rho \alpha[331 . \mu] \epsilon \iota \kappa(\rho)$
 $\alpha \rho \gamma v \rho \circ \pi(o \iota \eta \tau \circ$ ?) $\alpha(\tau \epsilon \tau \dot{\alpha} \rho \tau \omega \nu) \beta, \gamma \rho \alpha \phi \in i \alpha \alpha \alpha \rho \gamma(v \rho \hat{\alpha})[171$.

 $\beta o ́ \lambda o v), \sigma \tau \rho \alpha \nu \gamma(\alpha \lambda i s) \dot{\alpha} \rho \gamma(v \rho \hat{\alpha})$ o[ 171.

 $\rho \alpha i ̂) ~ к \alpha \lambda \alpha!~ B o v \beta \alpha \sigma[\tau 161$.


 $\kappa \alpha i$ є́ $\pi \alpha ́ \nu \omega$ коข $\chi$ v́ $\lambda\langle\iota\rangle$ оv каi [ 8 1., ка́тоттроv
$22[\chi] \alpha \lambda \kappa(0 \hat{v} \nu) \nu \epsilon \omega \tau \epsilon \rho[\iota \kappa(\grave{o} \nu) 48$ 1. ] $\beta$, $\lambda \alpha \mu \pi(\grave{\alpha} \varsigma) \dot{\alpha} \rho \gamma(v \rho \hat{\alpha}) \mu \epsilon \sigma \tau(\grave{\eta})$ [ 101.$] \ldots()$ $\dot{\alpha} \rho \gamma(\nu \rho) \mu \epsilon \iota(\rho) \pi \epsilon \rho \iota \kappa \epsilon \chi \rho v \sigma \omega \mu(\epsilon \nu) \alpha[$ I7 1.








 $\chi^{\alpha(\lambda \kappa \hat{\alpha})} \delta \mu \epsilon \iota \kappa(\rho \grave{a}) \cdot\left[\quad 3^{\mathbf{I}}[\dot{\alpha}] \mu \phi 0 \tau(\epsilon \rho) \mu[\epsilon \sigma] \pi()[\right.$

Fr. 3.


## Col. ii. Fr. 4 .



 57 letters





 $\rho \eta \theta(\eta)$ vimò $A \dot{v} \rho[(\eta \lambda i ́ o v) 591$.
 $\mu a ́ \chi(o v)$ [ 601.
 $\Sigma \alpha \rho \alpha \pi(i \omega \nu 0 s) \dot{\alpha} k\left[0 \lambda o v ́ \theta(\omega s)\right.$ ois $\sigma \nu \nu \epsilon \chi \omega \rho \eta \eta_{\eta} \eta$ ن́mò 391.
 - [ 601.
 $\alpha$ ó $\gamma к \iota \omega \nu \in \angle$ [ 601.


 $\alpha^{\prime \prime} \chi \rho \eta \sigma \tau(\alpha) \mu \eta \delta \grave{\epsilon}$ ć $\chi \nu \eta$ [ 601.
 301. ávaJє $\theta(\grave{\epsilon} \nu)$ únò 201.
 [ 60 ].


 кขрías $\Sigma_{\epsilon} \in \beta \alpha \sigma \tau \eta{ }^{\prime}{ }^{2} 29$ 1. $\pi \epsilon \rho i \sigma \tau \rho \omega \mu \alpha$

 Ма́ркои Aủpŋ入íou




















 ... $\bar{i} \chi \nu \eta$ II. 60. ov of $\mu[a] \zeta \rho \nu o \mu o s$ corr.

1-20. 'From the Aurelii, Zoillus son of Apollonius and Aurelia Achillis, and . . . son of ... and Aurelia Taaphunchis, both . .., and their associates, priests of Zeus, Hera, Atargatis, Core, Dionysus, Apollo, Neotera, and the associated gods, and celebrants of the busts of the lord Augustus and his advancing victory and Julia Domna Augusta and his deified father Severus, at their . . . temples situated in the metropolis, in the case of Dionysus in the quarter of the Square of Thoëris, in the other case, that of Apollo . . . the great god and good genius, and Neotera, in the south-east part of the city in the quarter of . . ., in the south-west part of the city . . . and in the Broad Street quarter to the south of
the shrine of Demeter that of Zeus, Hera, Atargatis Bethennunis, and Core, and in the Gymnasium Square quarter that of Zeus, Hera, Atargatis Bethennunis, and Core, and in the Cavalry Camp quarter, Patemit street, that of Zeus, Hera, Atargatis, and Core, and in . . . of the Cynopolite nome that of Zeus and Hera. List of offerings for the 2[.] year of Marcus Aurelius Severus Antoninus Parthicus Maximus Britannicus Max. Germanicus Max. Pius Augustus, as follows. Objects in the temple of Neotera, a representation of our lord the Emperor M. Aurelius Severus Antoninus Felix Pius Augustus and Julia Domna the lady Augusta and his deified father Severus, some of the offerings being inscribed with the names of the dedicators, . . . while in other cases we are ignorant of the dedicators, because the offerings have been in the temple from antiquity ; a statue of Demeter, most great goddess, of which the bust is of Parian marble and the other parts of the body of wood, . . . was not disclosed to us. And with regard to other offerings, which were dedicated in accordance with ancient custom for vows or pious reasons, . . . dedicated by Phragenes (?) son of Horion, a small bronze statue of Neotera, 5 rings dedicated by . . . son of Didymus, a green robe dedicated by the mother of An . . . . . . dedicated by Castor son of Asclepiades, a small . . ., on which is a statuette of Neotera . . . a stone . . . of wellcut stone, a rudder representing Neotera, a statue of . . ., of which the bust is of Parian marble and the amulets are of plaster, a statue of Typhon, part of which . . . joined together in the middle, and the . . . in a casket, 2 small gold full sacred lamps dedicated by Sarapion son of Sarapion, another small gold full sacred lamp dedicated by Saraeus daughter of Achill ..., (another lamp) dedicated by Ptolemaïs wife of . . ., of which the weight is described in the periodical lists, 10 armlets for a child and I ring for a child, making in all . quarters of gold, . . ., 2 gold spoons, i small gold pen, . . . I small . . ., making in all . quarters of gold, I gold ... well cut and decorated with silver, weighing 2 quarters, . silver pens, . . . a silver bracelet for a child, . . . 2 silver armlets, a . . silver crescent . . ., in all weighing 8 drachmae 3 obols, a silver pendant . . ., a gold . . . with a shrine . . ., weighing 4 dr. 3 ob., a silver mirror for a child, 6 small silver . . . . . fine silver lamps (representing?) Bubastis . . ., in all weighing . . .

40-65.'. . (a representation) of our lord the Emperor M. Aurelius Severus Antoninus Felix Pius Augustus and his deified father Severus, and Julia Domna the lady Augusta, a wooden couch . . . In . . of the Cynopolite nome a representation of our lord the Emperor M. Aurel. Sev. Ant. F. P. Aug. and his deified father Sev. and Jul. Domna the lady Aug., . . . a lamp with a small figure of Core in unstamped silver weighing i lb., the interior being of wood, having . . ., dedicated by the mother of Dionysia daughter of Dius, of Oxyrhynchus, in accordance with the agreement of Aurelius . . ., and a small shrine of Iacchus of foreign stone, dedicated by Andromachus . . ., a bronze altar dedicated by Smaragdus, freedman of Apollonius son of Sarapion, in accordance with the agreement of . . . Likewise added in the ist year, a gold lamp having in the middle . . ., (an altar) . . ., dedicated by Heraclides son of Sarapion, another altar of silver weighing I lb. $5 \frac{1}{2}$ oz. . . ., a statue of . . . the most great goddess weighing $\mathrm{r}_{5} \mathrm{Ib}$., dedicated by Aurelius Julius in the ist year, and in the $4^{\text {th }}$ year ..., I ... decayed and useless and all the clothing decayed with age and useless, having no traces of... Added in the 6th year in the month of Thoth at the temple of Core, a statue . . . dedicated by . . . ex-gymnasiarch, and in the past month Phaophi a pair of короiкка . . In the villages of the nome, as follows: at Sinaru a representation of our lord the Emperor M. Aurel. Sev. Ant. F. P. Aug. and his deified father Sev. and Jul. Domna the lady Aug. . . , a dark red covering decayed and useless, I bronze folding mirror in new style. At Ta . . . a representation of our lord the Emperor M. Aur. Sev. Ant. F. P. Aug. and his deified father Sev. and Jul. Domna the lady Aug., in the temple I bronze trencher, 2 statuettes of Zeus and Hera, most great gods. At . . . a representation of our lord the Emperor M. Aur. Sev. Ant. F. P. Aug. and his deified father Sev. and Jul. Domna the lady

Aug., I bronze trencher and . . . At . . . a representation of our lord the Emperor M. Aur. Sev. Ant. F. P. Aug. and his deified father Sev. and Jul. Domna the lady Aug., I covering decayed and useless. At Kerkethoëris and Kerke ... In the said villages two representations of our lord the Emperor M. Aur. Sev. Ant. F. P. Aug. and his deified father Sev. and Jul. Domna the lady Aug., and there is provided by ..., ex-gymnasiarch, daily $\frac{1}{2}$ cotyle of oil, which goes to.

1. 'AXL $\lambda \lambda i o \delta(o s):$ cf. e.g. 1494. 12.
à $\mu о \tau \epsilon \in \rho \omega \nu[. . . . . .$.$] : the lost title was probably \pi \rho \circ \phi \eta r \hat{\omega} \nu$ (cf. B. G. U. 488. 3) or $\sigma \tau 0 \lambda \iota \sigma \tau \bar{\omega} \nu$ (cf. P. Tebt. 298. 3) or $\pi \rho \epsilon \sigma \beta v \tau(\epsilon \in \rho \omega \nu)$ (cf. B. G. U. 387. i. 7).
$\Delta$ lós $\kappa \tau \lambda$. : cf. ll. 5-6. Zeus probably $=$ Ammon ; but with whom Hera was identified
 For Atargatis of. l. 5, n.
2. Kópns: cf. 11. 5, 44, and 52. A temple of Demeter and Core in the Arsinoïte nome is known from P. Petrie 97.5, and they are mentioned in a stele found at Philadelphia in the same nome (Lefebvre, Annales, xiii. 99). In the Metelite nome Core wasidentified with Isis (1380. 72 ).



 форíe той aùro(v) iepo(v̀).
${ }^{\text {kai }} \mathrm{N} \epsilon \omega \tau($ épas) : cf. 1. 4, where she is apparently mentioned in conjunction with Apollo, and 1. 8, where a temple of her alone occurs. This was presumably different from the temple in l. 4, and the only suitable place for it in $11.3^{-6}$ is in 1.5 ; for, though $\hat{\eta}[s$ $\mathrm{N} \epsilon \omega \tau$ ( $\epsilon$ 'िas) might be read in place of $\tau 0[\hat{v} \Delta \iota o v i \sigma o v$ in 1.3 with $\Delta \iota o v(v \sigma o v)$ for $\mathrm{N} \epsilon \omega \tau(\epsilon \hat{\rho} a s)$ in 1.5 or к'ai $\Delta i o v v_{\sigma} \sigma=$ after 'A $\pi \delta^{\prime} \lambda \lambda \omega \nu$ os in 1. 4, the order of the temples in 1l. 3-6 would then bear no relation to that of the list of gods in 11. 1-2. With the restorations adopted in the text the temples of the first four gods are accounted for in $11.5-6$, those of the last three in ll. $3-5$, but inside each group the order corresponds to that in ll. $\mathbf{r}-2$. To suppose that the temple described at the end of 1.4 refers to каi $\mathrm{N} \epsilon \omega \tau($ ( $p a s)$ alone is unsatisfactory, for the


 Plotina, the wife of Trajan, is identified with Aphrodite, but it is not clear that a subordinate shrine rather than the chief temple of Dendera is indicated. Cleopatra is called $\theta_{\text {eir }}$ $\nu \epsilon \omega \tau \in ́ \rho a$ upon coins, and Nє由тє́ $\rho a$ in 1449 no doubt means Hathor-Aphrodite, though 'Aфрo ?]óeít $(\eta)$ occurs in l. 33 and véa is a special title of Isis in 1380. 85 .

 refer to the Emperor and his family, as here, and the temple was one of the three temples
 were abbreviated.
 occurs regularly in Col. ii, where Julia Domna is placed third instead of second and called киріа $\Sigma_{\epsilon \beta a \sigma \tau \eta}$, as in 1. 9, where she again comes second. The omission of tatpòs aùтov̀ is possible here, but hardly in 1. 9. With $\theta \epsilon \rho[\hat{v}$ इєovipov the lacuna can be filled by $\tau \hat{\omega} \nu$ $\left.i \pi \sigma \gamma \epsilon \gamma \rho a \mu \mu \epsilon{ }^{\prime}\right] \nu \omega \nu$. For the association of Caracalla's parents with him cf. Preisigke, S.B. $4^{2} 75$.
3. 'A $\pi \dot{\prime} \lambda \lambda \omega \nu$ os. [ : к[ai might be read, but the insertion of another male deity at this point is not wanted; cf. l. 2, n.
4. For the supplement $\mathrm{N} \epsilon \omega \tau($ ('िpas $)$ cf. l. 2, n. Twenty-eight letters are expected in the lacuna before $\Pi \lambda a \tau($ eias $)$, and the restoration in the text is rather long ( 32 letters) if
 unsatisfactory, for there is already one additional piece of topographical information after $\Pi \lambda a \tau$., so that another before $\left.\epsilon^{\prime} \pi^{\prime} \dot{a}_{\mu} \phi^{\prime} \delta(o v)\right]$ would be quite superfluous; cf. 1. 2, n. The missing name of the ${ }^{\prime \prime} \mu \phi$ ooov either here or at the end of 1.4 may well have been $K \rho \eta \tau(\iota \kappa о \hat{v})$, which in 43. verso iii. $1_{5}$ is mentioned next before the עotuvì $\pi v \dot{\lambda} \eta$.
$\Delta \eta \mu \eta \tau_{\rho}($ (fiov $):$ cf. 1485. 3. Several temples of Demeter in the Arsinoite nome are known (cf. Otto, op. cit. ii. 379), her cult being sometimes associated with that of Core ; cf. ll. 2, 49, mi. and 10-II.
 worshipped in Syria and sometimes identified with Isis (1380. 100, n.). This is the first definite mention of her cult in Egypt, but she was presumably meant by $\theta \in a ̀$ svpia in P. Magd. 2 (cf. Strack, Archiv, ii. 547). B $\epsilon \in \epsilon \nu \nu \dot{v} \nu[\delta \delta(o s)$ (or $-\nu[\eta s)$ appears to be a Semitic compound of beth and another word. A village called B $\eta \theta \in \nu \nu a \beta p i s$ near Caesarea occurs in Joseph, Bell. Jud. iv. 7. 4. For Core cf. 1. 2, n.
5. $\Delta \rho \rho^{\prime} \mu(o v) ~ \Gamma \nu \mu \nu a(\sigma i o v)$ : the context suggests that the Gymnasium was in the southwestern part of the city ( 1.5 ) ; in 43. verso it occurs in iv. 6, between buildings in the

 apparently occupying Cols. i-ii.
$\Pi a \tau \epsilon \mu i \tau \lambda a[\dot{v} \rho a]_{s}$ : the lacuna is rather narrow for vpu, but Пaтє ${ }^{\prime} \tau$ as the name of a street is confirmed by the existence of a חarধuirns toparchy in the Hermopolite nome (e.g. P. Ryl. 123. 12). For the termination cf. P. Amh. 35. 21 $\epsilon \pi i$ ioû $\Pi \rho \epsilon \mu i \tau$ at Socnopaei Nesus.
6. The year cannot be earlier than the 22 nd owing to the occurrence of the title Germanicus Maximus; cf. 1406. int. For the omission of Aùroкрáropos Kaíapos cf. int. and e.g. B. G. U. 534. 19. The omission of Eùruxoûs, which is uniformly found elsewhere in 1449, is common. The insertion of it would make this line project considerably, but in Col. ii the lacunae at the ends of lines range from 52 letters (l.40) to $\sigma_{5}(1.59)$, though commencing at the same point.
7. For N $\epsilon \omega \tau(\epsilon$ fas $)$ cf. l. 2, n., and for cikovíoı (a new diminutive) int. p. 136. There would be room after єikov. for an abbreviated adjective, e. g. $\lambda i \theta(\nu \nu \nu)$, but elsewhere in 1449 ciкoviotov is found without an epithet.
 to be awkwardly placed after the enumeration of objects had begun, and the grammar is defective; cf. the crit. nn. $\gamma \iota \nu \omega \sigma \kappa \epsilon \iota \nu$ appcars to be governed by $\delta \eta \lambda o \bar{\nu} \mu \epsilon \nu$ understood. A parallel phrase $\gamma \epsilon \nu]$ о $\epsilon^{\prime} \nu \omega \nu$ à $\gamma \nu \dot{\omega} \sigma \tau \omega \nu \nu \dot{\eta} \mu \epsilon \hat{\nu}$ occurred in B. G. U. 590. 6. $\tau \dot{\omega} \kappa \alpha\left[\tau^{\prime}(a ँ \nu \delta \rho a)\right.$ or roîs are less probable readings than roús.
 1. It and B. G. U. 387 .ii. 3 , where a similar phrase is indicated by ai $\pi \rho о \tau о \mu a i$ [ following

II. ккì $\epsilon \pi i \quad$. . . . . . .: ${ }^{\prime} \lambda \lambda \omega \nu$ is rather short for the lacuna, and the construction is not clear. катà $\tau \grave{\eta} \nu$ might be substituted for $\epsilon^{\prime} \kappa \tau \bar{\eta} s$ in spite of the following кaテ' $\epsilon \dot{\chi} \chi(\dot{\eta} \nu)$, and possibly каì $\epsilon \pi i .$. . is connected with the preceding clause instead of being, as we suppose,
 The offerings cnumerated in ll. 12-14 in any case seem to belong to the same temple as those in ll. 8-11, and that кaì $\epsilon \pi i$ l. 8 is unlikely.

8. $\left.\beta_{\epsilon}\right] \lambda$ 白 $v \kappa \omega \tau \sigma[s]$ : there is hardly room for $[\nu]$ after тo. No word ending $-\gamma \kappa \omega$ ros seems
 instruments of some kind appear to be meant.
$\dot{a} \pi \circ \theta \cdot\left[\right.$ : $\dot{a} \pi ь \theta_{\eta}[\kappa \eta$, 'casket ' (beginning a new entry), is possible, but the vestige of a letter after $\theta$ rather suggests $a$ or $\epsilon$.
9. $\tau \hat{\eta} s[\mathrm{~N} \epsilon \omega \tau(\epsilon \in \rho a s): c f .11 .8,13$, and 2 , n. Representations of deities are often found as the $\pi a \rho a ́ a \eta \mu \pi$ of boats, i. e. on the prow, but not elsewhere in papyri upon the rudder.
 probable than $\hat{i}]]$. $[\epsilon i \bar{i}] \pi \lambda a \sigma \tau(a)\left(c f .1 .1_{7} \epsilon \dot{i} \tau o(\mu o)\right)$ is possible instead of $[\dot{\epsilon} \pi i] \pi \lambda a \sigma \tau(a)$.

Tvф'்v: i. e. Set, who in ancient times was the chief deity of the Oxyrhynchite nome.
15. кatà $\mu\left(\begin{array}{c}\prime \\ (\sigma \circ \nu) \\ \text { : cf. l. } 48 .\end{array}\right.$
$\left.\mu]_{\epsilon \sigma \tau(o i}\right):$ cf. ll. 20,22 ( $\left.\lambda a \mu \pi a ́ s\right), 23$ and 25 (in both cases followed by $\theta \in i o s$, as here),

16. катà $\chi \rho o ́ v ə(\nu) \gamma \rho a(\phi \hat{\omega} \nu)$ : cf. int. p. 134.
 cf. 1. 17.
17. $\mu \dot{v} \sigma \tau(\rho a)$ : cf. l. 30 and 921. $25 . \mu \epsilon \sigma \tau(a ́)$ (cf. l. $15, \mathrm{n}$.) is inadmissible.
opa[: cf. 11. 23 and 18 , n. It seems to be a new substantive.
áрүирот(оптто ): or áрүиро́л(ovs), since the object contained 2 тє́тартає of gold.

$\sigma \tau \rho a \nu \gamma(a \lambda i$ is $)$ : cf. 1.23 and LXX Judges viii. 26. o[ may well be either a repetition of

$a \operatorname{a}] \rho[\gamma(v \rho): \chi] \rho(v \sigma)$ might be read, but the weights in drachmae and obols appear to be silver, not gold ; cf. ll. 19-20.
19. $\pi \rho(o \sigma) \kappa v \nu \eta[\tau \eta \rho i \omega$ ? : this word is found elsewhere only in Byzantine writers. Cf. $\beta \omega \mu o ́ s$ in 1. 47.
$\operatorname{Bov} \beta a \sigma[\tau()$ : this is more likely to refer to the goddess Bubastis than to be an adjective
 the preceding letter is not a figure, Boúßagr $\iota$ s as a distinct item is unsatisfactory. $\lambda, \mu$, or $\pi$ can be read for the $\kappa$ of $\kappa \pi \lambda a i, \kappa$ for the first $\beta$ and $v$ for $\sigma$ in $\operatorname{Bov\beta a\sigma }{ }^{\sigma}$.
20. $\sigma \tau a] \theta \mu o ́ v: ~ c f . ~ l . ~ 16 . ~ \mu \nu \sigma \tau(\rho a) ~(c f . ~ 1 . ~ 17, ~ n) ~ c o u l d ~ b e ~ r e a d ~ f o r. ~ \mu \epsilon \sigma \tau(a ́) . ~ F o r ~ \chi \nu \tau(\dot{\partial \nu})$ $\lambda_{i} \theta(\iota \nu \sigma \nu) \kappa \tau \lambda$. cf. 1. 24. Neither that passage nor l. 23 favours $\dot{\epsilon} \nu \kappa \kappa \kappa о \lambda \lambda \eta \mu(\dot{\varepsilon} \nu o \nu)$ for $\hat{e} \nu \kappa \in \kappa$. here. For a number not expressed by a figure cf. l. 63.
 contrasted with ápұaía in similar lists Otto, op. cit. i. 330. $\nu \epsilon \omega \tau \epsilon \rho t \kappa$ (ós) may however be parallel to $\pi$ aıoıkós (ll. 16, 19).
24. $\delta v \sigma$ кó $\lambda \lambda \eta$ тos is known, but not є่̇кó $\lambda \lambda \eta \tau$ оs.
25. For $\theta[\epsilon i o s$ following $\mu \epsilon \sigma \tau$ ós cf. l. r 5, n. $\pi \epsilon \epsilon \nu \omega \dot{\tau} \tau \nu \nu$ is not attested, but a pearl necklace suits the context. For $\kappa a \tau\left[\begin{array}{c}a \\ \mu \\ \epsilon \\ \sigma\end{array} \boldsymbol{\nu}\right.$ cf. 11. $15,48$.
26. Perhaps $\tau \rho[a ́ \pi \epsilon \zeta a ;$ cf. l. 23.

35. $\lambda \dot{u}]_{\chi \text { vos }} \mu \in \sigma \pi o ́(s)$ : cf. ll. $3^{6,} 3^{8}$, and $\mathrm{r}_{5}$, n. The $\chi$ is, however, very doubtful, the traces rather suggesting ]. wos.
40. The last word of the preceding column was no doubt єiкoveiotov, and probably this was the first entry under a new temple ; cf. int.
42. тô $\mathrm{Kvvo} \mathrm{\pi}$ (oдítov) : the Cynopolite village mentioned in $11.6-7$ is expected to be identical with this one, but had a temple of Zeus and Hera, whereas this village, to which all 11. $4^{2-53}$ apparently refer, had a temple of Core (1. $5^{2}$; cf. the 广 $\varphi^{\delta} \iota \iota \nu$ Kópns in 1. 44), and the 'Iaxגápoov in 1.46 suggests that Dionysus was also worshipped there ; cf. int. On
the combination of the Cynopolite with the Oxyrhynchite nome for administrative purposes see 1453. 13, n.
46. $\theta$ tov is more probably the termination of the patronymic of the dedicator (e. g. $\left.\Delta \omega \sigma \iota \mid \theta_{\epsilon}^{\prime} o u\right)$ than $\theta_{\epsilon 0} \hat{v}$.
'Iaxरápıov: the diminutive seems to be new. Cf. $\Delta$ tovv́rov in l. 2.
49. $[\hat{a}] \nu a r \epsilon \theta(\epsilon i s): \beta \omega \mu o ́ s$ probably preceded ; cf. $\begin{gathered} \\ \lambda\end{gathered}(\lambda(\lambda s) \beta \omega \mu(o ́ s)$, which might, however, refer back to l. 47. The weight ( $\mathrm{I} \mathrm{lb} .5 \frac{1}{2} \mathrm{Oz}$. of silver) is slightly less than that of the

50. For $\sigma \epsilon \sigma \eta(\mu \mu \epsilon \nu)$ cf. 1. 51 and ll. 56,62 , where it refers to a $\pi \epsilon \rho i \sigma \tau \rho \omega \mu a$, which is hardly suitable here.

 about A.D. $35^{\circ}$ ), where one кор $\delta$. is valued at 5 talents. The meaning is unknown. Wessely (Wiener Stud. xxiv. 134) supposed that it was a Latin word Graecized.
54. $[\kappa] \omega \mu(\hat{\omega} \nu)$ : cf. int. Sinaru was a village in the lower toparchy (1285. 134).
$55-6$. For $\pi \epsilon \rho i \sigma \tau \rho \omega \mu a \mid$ cf. l. 62. $\pi \epsilon \rho \iota \sigma \tau \rho \dot{\mu} \mu a \tau a$ were a speciality of Oxyrhynchus,
 to palm-oil or wine, is here apparently used of colour.
56. $\delta i \pi(\tau v \chi \circ \nu)$ : cf. B. G. U. 717 . 12 ка́топтроข $\delta i \pi \tau v \chi o v$.
$\mathrm{Ta}[$ : the choice lies between Taкóva, Ta入á (both in the lower toparchy ; 1285. 130-1),
 (all eastern top.; 1285. 88, 612, 384).
 name probably occurred; cf. 11. 42, 54 and int.
60. ка[i: cf. 1. 46. No Oxyrhynchite village beginning Ka-is known. For єikoveiồov, preceded by a village-name, cf. 1. 58, n.
62. $\pi \epsilon \rho i \sigma \tau \rho \omega \mu a$ : cf. ll. $55^{-6, ~ n . ~ K є \rho к є ~} \theta \hat{v} \rho \iota s$ was in the western toparchy (1285. 70). The village $K \epsilon \rho \kappa[\epsilon \ldots$. . here coupled with it was in a different toparchy, if it was $K \epsilon \rho \kappa \epsilon \mu о \hat{\nu} \nu \iota$
 identical ; cf. 1285. 23 and II6). But it is more likely to be an unknown village near $K є \rho \kappa \in \theta \hat{\nu} \rho \iota s$.

64-5. This entry concerning oil is of a different character from the rest of the list, which was perhaps left unfinished; cf. int. eits $\lambda \nu \chi \nu a \psi i a \nu$ is not improbable ; cf. 1453. 4, n.

## 1450. Estimate of Repairing a Public Building.

$$
18 \times 1 \mathrm{I} .4 \mathrm{~cm} . \quad \text { A. D. } 249-50
$$

This detailed estimate of the cost of roofing (1. 8 € $\pi \iota \sigma \tau \in \gamma \omega \sigma \iota s$ ), plastering, and otherwise repairing a public building, addressed probably to representatives of the senate by a master-builder or carpenter (1.27,n.), would, if more complete, have thrown some valuable light on the building-trade, concerning which not much is known (cf. Reil, Beiträge, 25 sqq.) ; but owing to the loss of both the beginning of the document and more than half of each linc, as appears from the date-formula at the end, little reconstruction of the fragment is practicable in the absence of a parallel. The only other papyri which are of much assistance with regard to the technical terms are C. P. Herm. I27. verso, a fragmentary
nearly contemporary account of expenses for public buildings at Hermopolis, and P. Stud. Pal. x. 259 (6th cent.), a builder's account; cf. also the Ptolemaic contracts for public works in P. Petrie iii. 43. The building in 1450 had a room or court for playing ball (ll. 5, 7 бфat $\rho \sigma \tau \eta \rho^{\prime} \rho o v$, which has not occurred previously in papyri) and apparently five furnaces (1. 5 , n.), and is therefore likely to have been a gymnasium or, better, a public bath; cf. 1. 10, n., and 54, an application to a gymnasiarch and exegetes in A.D. 201 for a payment on account of repairs at the baths of Hadrian. Lines I-II give details of the estimated costs of various items, which were apparently summed up in 1. 12; 11. 14-24 provide for possible modifications in the estimate owing to various contingencies connected with the materials or the workmen, concluding with a reference to the supervision of the work.
]. ${ }^{\epsilon} \mu \beta \alpha \delta![\kappa(\hat{\omega} \nu)] \pi \eta \chi(\hat{\omega} \nu) \sigma \pi \gamma \quad{ }^{\epsilon} \pi \underset{!}{[ } \quad 18$ letters



 $\left.{ }_{\epsilon}^{\epsilon} \kappa\right](\delta \rho \alpha \chi \mu \omega \hat{\omega}) \pi \theta(\stackrel{\partial}{\beta} \beta \lambda o \hat{v}), \tau \bar{\omega} \nu \in(\delta \rho \alpha \chi \mu \grave{\alpha} s) \nu \mu \epsilon(\pi \epsilon \nu \tau \omega-$

 [ 9 l. ]s
] $\kappa \alpha \grave{\imath} \tau \bar{\omega} \nu \ddot{\alpha} \lambda \lambda \omega \nu \tau \bar{\eta} s \quad \dot{\epsilon} \pi \iota \sigma \tau \epsilon \gamma \omega \sigma \epsilon \omega s$ [ 10 1. ?]
 $\lambda \alpha \nu \tau \alpha) \cdot(\delta \rho \alpha \chi \mu a ̀ s)$ ?] $\rho[\cdot \cdot \cdot], \kappa \alpha i$





$[\pi \bar{\eta} s$

25



 ]




$$
\text { 6. } \pi \theta \div \text { п. }
$$

1. ${ }^{\prime} \epsilon \beta a \delta i[\kappa(\hat{\omega} \nu) \pi \eta \chi(\hat{\omega} \nu)$ : 'square cubits'; cf. 669. 6.
2. $\delta \circ \kappa \omega \bar{\nu}$ : these cost 4 dr. 5 ob. each in C. P. Herm. 127. verso i. i3.

 potsherds in making mortar was an ancient Egyptian custom; cf. Erman, Life in Ancient Egypt 419.

коvias: there was apparently a blank space before this word, as occurs after $\dot{\epsilon} \pi \iota \sigma \tau \epsilon \gamma \omega \sigma \epsilon \omega s$
 see Reil, op. cit. 34-5. єis єن่ [ $\mu$ opфiav is possible; cf. l. i 5 .
5. $\sigma$ фaupıтт $\eta$ piov: cf. int. A comma should perhaps be placed after $\lambda_{\lambda}$ ov.
$\kappa а \mu \epsilon^{i v \omega \nu}$ : in C. P. Herm. 127. verso Fr. I5. 4 two кá $\mu \nu o \iota$ are mentioned, and in the next line 240 drachmae, which seem to be the price of them, so that 89 dr . I obol in 1.6 here are probably the price of a кá $\mu \nu$ os.
6. кovaatais: cf. l. 4, n. द́pyateia is clearly used in a concrete sense, but whether it means tools or workmen is not clear.
8. $\dot{\epsilon} \pi \iota \sigma \tau \epsilon \gamma^{\dot{\omega}} \sigma \epsilon \omega \mathrm{s}$ : this word seems to be new. The blank space after it (cf. 1. 4, n.) may have extended to the end of the line; cf. 11. $1 \mathbf{1}-12, \mathrm{n}$.
9. $\gamma \rho a \phi \hat{\omega} \nu$ can mean 'paintings'. 广 $\zeta \omega] \gamma \rho a \phi \bar{\omega} \nu$ is not a correct form, but perhaps $\zeta \omega] \gamma p a \phi\langle\iota\rangle \bar{\omega} \nu$ should be read, or $\zeta \omega\rceil \gamma \alpha \dot{\alpha} \phi \omega \nu$ dependent on another substantive.
$\pi \lambda(\epsilon \hat{i o \nu}) \hat{\eta}[\hat{\epsilon} \lambda a \tau(\tau o \nu): c f .11$. I I-12, where, however, there is no abbreviation.
 is not room.

II-I2. After $\chi^{\nu}$ is a blank space of about 12 letters up to the end of 1. II; cf.
 followed by a sum. For $\epsilon^{\prime} \kappa \sigma \nu \nu \mid[0 ं \psi \epsilon \omega s$ cf. C. P. Herm. 127. verso Fr. 12. 5, besides 11. 17, 20 below, and P. Stud. Pal. x. 259. I $\sigma \dot{v} \nu \alpha \psi \stackrel{\text { à }}{\nu} \nu a \lambda \mu(a ́ \tau \omega \nu)$.
13. $\sigma \tau \epsilon \gamma^{\top} \omega \sigma \epsilon \omega \nu$ : cf. l. 9.
24. $\tau \hat{\omega} \nu$ or $\dot{\eta} \mu \hat{\omega} \nu$ or $\dot{v} \mu \hat{\omega} \nu$ is probable before $\pi$ ] $\rho \circ \epsilon \sigma \tau \omega \dot{\tau} \omega \nu$.
26. The year is likely to have been the ist, since Herennius and Hostilianus are not mentioned. They occur in the extant papyri of the 2nd year, 1284. 1-5 (Choiak 19) and C. P. R. 37. 15-19 (Phamenoth 8) ; cf. 1476. int.
 official (Fitzler, Bergzerke 57 sqq.), as also usually in the Roman period (op. cit. I3 1 sqq.), whereas this individual was probably a private person. A private àpхıテ́ктт $\begin{gathered}\text { occurs in }\end{gathered}$ P. Stud. Pal. x. 259.6 ( 6 th cent.) together with a $\tau \in \kappa \kappa \epsilon \nu$, and in P. Tebt. 277.12 (3rd cent.)
an $\dot{a} \rho \chi \iota \tau \in \in \tau \omega \nu$ occurs in a list of trades; cf. Reil, op. cit. 31. Some of the details, e. g. the סоко'́ in 1.2 and $\grave{\epsilon} \pi \iota \sigma \tau \dot{\epsilon} \gamma \omega \sigma \iota$ in 1.8 , suit a simple $\tau \dot{\epsilon} \kappa \tau \omega \nu$ ('carpenter'; cf. Reil, op. cit. 76 sqq.);
 ' master-builder' better.

## 1451. Epicrisis of Roman Citizens and Slaves.

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16.2 \times 9.3 \mathrm{~cm}
$$

A. D. $\mathrm{I} 75 \cdot$

Of this valuable text 11. 1-IO contain the conclusion of a declaration addressed to a magistrate by a Roman woman, Trunnia ... This announced the enclosure of ( 1 ) an extract from the official records concerning the examination ( $\grave{\pi} i \kappa \rho \iota \sigma \iota s$ ) of her natural son L. Trunnius Lucilianus and daughter Trunnia Marcella, and three young male slaves, by a praefect of the fleet on behalf of the praefect of Egypt G. Calvisius Statianus, (2) declarations by three witnesses that Marcella was the sister of Lucilianus, and ended with an oath concerning the writer's relationship to her children, and the date. The extract itself follows in 11. II-33, and the whole document apparently closed with the autograph signatures of Trunnia . . . and the witnesses (1l. 33-4). The papyrus is incomplete on all four sides, but at the end not more than three or four lines are likely to be missing, and at the beginning not more than seven or eight, for neither a column in excess of fifty lines nor the loss of a previous column is at all probable. The extent of the total gap between one line and the next is clearly fixed by the date formula in $11.8-10$ and other certain restorations, derived from parallels, in 11. $11-12,13-14,16-17,21-22$; the approximate starting-point of each line is determined by the heading in l. II.
 a $\beta \iota \beta \lambda \iota o \phi u ́ \lambda a \xi$ of a record-office, probably at Alexandria (1. 3, n.), adds another second-century specimen to an important class of documents, of which most are badly preserved, but several can now be emended ; cf. the commentary. It stands closest to B. G. U. 1032 and Bull. de la soc. arch. d'Alex. xiv. 196 sqq. (P. Alex.), which both record the epicrisis of illegitimate sons of Roman mothers, and to B. G. U. 1033, which concerns the epicrisis of slaves. Of the other examples, B. G. U. II3 and 265 ( $=$ W. Chrest. $45^{8-9}$ ), 780 , and P. Hamb. $3^{1}$ and 31 a refer to the examination of veterans, while the status of the persons in B. G. U. $8_{47}$ ( $=$ W. Chrest. 460 ) is disputed, a new interpretation of it (that they were Roman citizens) being proposed by us in l. 2I, n. P. Flor. 382. $67-9 \mathrm{I}$ ( $=57=$ W. Chrest. 143), which records the epicrisis of an Alexandrian candidate for the status of ephebus before an exegetes, is also somewhat similar. The principal discussions of the relation of the extracts which do not concern veterans (all discovered recently) to the rest and to the epicrisis of oi $\grave{\epsilon} \kappa \tau o v \hat{v} \nu \mu \nu a \sigma i o v, \mu \eta \tau \rho о \pi о \lambda i \tau a \iota \delta \omega \delta \epsilon \kappa \alpha ́ \delta \rho a \chi \mu \circ \iota$, and
other privileged classes in the nomes (cf. 1452. int.) are in Wilcken, Grundz. 196 sqq. and 395 sqq., where the earlier literature is reviewed, and Jouguet's commentary on P. Alex.

The most striking point in 1451, which admits of an almost complete restoration, is the association of a Roman girl of II (or possibly i) on equal terms with her brother, aged probably 23 (11. 23-4, n.), in the epicrisis conducted as usual by a military representative of the praefect of Egypt. Wessely (Epikrisis 8, Sitz.-Ber. Wien. Akad. 1900) had already called attention to the circumstance that the title on the verso of B. G. U. II 3 appeared to indicate the epicrisis of the daughter of a veteran with her father, and, in spite of Wilcken's rejection of that view in Chrest. 45 8. 16, n., P. Hamb. 31, in which a veteran is
 the title is dependent upon $\dot{\alpha} \nu \tau i \gamma \rho(a \phi o \nu) \dot{k} \pi[\iota \kappa \rho i(\sigma \epsilon \omega s)$ : the preceding words may well be $\kappa] a i$ followed by a proper name or $\tau \hat{\eta} s$. Slaves were not more eligible for the army than women, and the epicrisis in a family group of a girl and three young slaves beside a youth of military age, and of a daughter beside her father, shows that, even if the current view concerning the military character of the epicrisis of youthful Roman citizens before the praefect be accepted, these examinations served other purposes which cannot have been military at all. Elsewhere the epicrisis of women is only known for certain in the case of a Jewess, subject to the taxes called 'Iovóaívv té $\overline{\epsilon \sigma \mu a}$ and $\grave{a} \pi a \rho \chi \eta$ ' in her 61st year although $\bar{\epsilon} \pi \iota \kappa \epsilon \kappa \rho \iota \mu \epsilon \ell \nu \eta$ in her 59 th (P. Stud. Pal. iv, p. 7r. 1l. I59, 184
 $\dot{0} \mu \operatorname{oi}^{\prime} \omega \mathrm{a} \dot{\alpha} \delta \bar{\delta} \lambda \phi \hat{\eta} s$, referring to a woman whose parents obtained Alexandrian citizenship, was doubtfully restored by Wessely, but not accepted by Wilcken, and it is noticeable that in P. Flor. 382 the evidence of status produced by an Alexandrian woman is not an epicrisis-certificate but a payment (?) of $\dot{\alpha} \pi a \rho \chi \dot{\eta}$, apparently corresponding to the payment of poll-tax adduced as evidence in e.g. 1452. 21. Poll-tax was not paid by women in Egypt, so that no epicrisis for their admission to the privileged class of $\mu \eta \tau \rho о \pi о \lambda i \tau \alpha \iota ~ \delta \partial \omega ̀ є к \alpha ́ o ̂ \rho a \chi \mu о \iota ~ w a s ~ n e c e s s a r y . ~ H e n c e ~ i t ~ h a s ~$ been generally assumed that they required no epicrisis before assuming the title
 è $\pi \iota \kappa \rho i \not \sigma \epsilon \omega s$ Míá $\dot{\eta}$ каí ${ }^{\text {'E }} \boldsymbol{\rho} \mu \iota o ́ v \eta$ occurs, and though this can be explained away, as is done by Wilcken, following us, $\delta \iota \grave{a} \grave{\epsilon} \pi \iota \kappa \rho i \sigma \epsilon \omega s$ may refcr to an $\grave{\epsilon} \pi i \kappa \rho \iota \sigma \iota s$ of the woman herself. But whatever may have been the case with regard to the epicrisis of Graeco-Egyptian women in the nomes, it is now clear that Roman girls-probably in order to prove their legal status-sometimes or even regularly underwent the same epicrisis as their brothers or fathors before the praefect of Egypt or his military deputy.

Secondly, the ages of the persons subject to epicrisis in 1451 and the evidence produced in support of their claims lend no support to Jouguet's view (op. cit, 213) that Roman and Alexandrian male citizens were subject at the age of 14 to a 'financial' epicrisis, resembling that of $\mu \eta \tau \rho о \pi о \lambda i \tau a \iota ~ \delta \omega \delta ө \epsilon \kappa \alpha ́ \delta \rho a \chi \mu о$, before a military epicrisis at the age of about 20. If Lucilianus had already undergone epicrisis nine years before the date of 1451 , the circumstance ought to have been mentioned in 11. 22-6 along with or in place of the uaptvpotoinots of his birth. That Marcella and the slaves had never been subject to epicrisis previously is obvious, and the reason which led Jouguet to infer the existence of a 'financial' epicrisis of Roman citizens at the age of 14, the possibility of evasions of poll-tax from the age of $14-19$ by persons falsely claiming to be Roman citizens, seems to us insufficient in the absence of any direct evidence for his view. Male Roman citizens were not, so far as is known, brought up for epicrisis before the age of 20 or 23 (1451. 23-4, n.) ; but women appeared at the age of II (1451. 32) and slaves at the age of ig (B. G. U. IO33. I7), II or 12 (B.G.U. 1033. 18, 33), 9 (1451. 32), and 5 (1451. 33). Since the examination was apparently held as a rule at Alexandria, so that a journey was in many cases necessary, it may have been the custom to present the whole family when the time came for the epicrisis of the father or son.

The occurrence of the epicrisis of girls by a praefect of the fleet on behalf of the praefect of Egypt opens, however, a wider question concerning the fundamental meaning of that term. Owing to the accident that the earliest papyri which mention epicrisis to be discovered either referred to veterans or introduced references to soldiers, the term was at first supposed to have a definite military significance, and though the subsequent evidence adduced by Kenyon (P. Brit. Mus. ii. 43 sqq.), ourselves (257. int.), and Wessely (op.cit. and Stud. Pal. iv. $5^{8}$ sqq.) established the existence of a financial epicrisis conducted by local officials in the $\chi \boldsymbol{\chi}_{\rho} \rho a$, epicrisis at Alexandria before the praefect or military officers has continued to be regarded as in the main a military proceeding with the object of enrolling recruits. From this point of view the badly written B. G. U.


 of a soldier employed in the fleet, and B. G. U. I42 ( $=$ W. Chrest. 455) $\overline{\text { E }} \pi \epsilon \kappa \rho$.

 the transference of a soldier from a cohort to the fleet. Presumably, however, the epicrisis in those two cases was of the same character as that of Lucilianus, Marcella, and the slaves by Juvencus Valens in 1451, where there is no indication
that the praefect of the fleet was anything more than the deputy of the praefect of Egypt. In B. G. U. 1033 the epicrisis was held, partly at any rate, by the praefect of Egypt himself, and instances of the delegation of the judicial powers of that official to military praefects occur in C.P. R. 18 and 237. viii. 3. Probably the epicrisis for the whole country, so far as Romans and Alexandrians were concerned, was being conducted in 175 by Juvencus Valens, as is indicated (1) by a comparison of 1451 and its parallels with P. Flor. 382 , where it is expressly stated that the presiding exegetes was concerned with a particular $\gamma \rho \alpha{ }^{\prime} \mu \mu$, (2) by the arrangement of the numbering of the $\sigma \epsilon \lambda \hat{i} \hat{\epsilon} \epsilon$ and the local subdivisions in the headings of these extracts (1. 17 ; cf. 1. 3, n.). Marcella and the slaves were not recruits for the fleet, and that all the youths examined at the same time as Lucilianus were intended for the fleet is highly improbable, while in the case of e.g. P. Alex. it is very unlikely that all the youths examined with G. Julius Diogenes were intended for the cohort of the president. In fact we are prepared to go a step further, and maintain that, just as the epicrisis of veterans on settling
 army (cf. e. g. 1508, where veterans from the fleet are discharged $\delta \iota \grave{\iota} \tau \rho \iota \eta(\rho\rangle a \rho \chi \omega\rangle)$, so the epicrisis of youths of military age was quite distinct from their enrolment in the army. B. G. U. 143 we regard as a certificate that Marcellinus had undergone an epicrisis similar to that described in 1451. His father seems to have occupied the position of Lucilianus' mother (1451.20) and that of the $\pi a r[\eta \rho]$, if that is the right restoration (cf. 1. 2I, n.), in B. G. U. 847.11. The word to
 as in P. Flor. 382. 80. Marcellinus, like Lucilianus and Diogenes, may have been intending to become a soldier, but not all Roman citizens in Egypt entered the army. In B. G. U. 142 the circumstances were different. Here the examinee was a soldier, but the supposed transfer from one branch to another rests on a forced interpretation of $\epsilon \kappa$, which as e.g. P. Grenf. ii. $51.5 \delta \iota \pi \lambda o \kappa \alpha ́ \rho \iota s{ }_{\epsilon} \xi \xi{ }^{\prime} \lambda \eta \xi$ [o]varpav $[\hat{\omega}] v$ indicates, implies that he belonged to a cohort, not that he was leaving it. The evidence of his name, Isidorus son of Germanus, suggests that he belonged rather to the ' '̇tepol (1451. 13) than to the 'P $\omega \mu a i o l ~ o r ~ ' A \lambda \epsilon \xi a v \delta \rho \epsilon i ̂ s$. That the military authoritics in Egypt were not very particular as to the citizenship of recruits, at any rate in the auxiliary cohorts, is clear from the occurrence of non-Roman names in 735 and B. G. U. 696, and we should regard the epicrisis of Isidorus after he became a soldier (he seems to have been vouched for by himself; cf. Wilcken, Chrest. 455 . int.) as parallel to that of Sempronius Herminus
 $\Sigma_{\epsilon \mu \pi \rho \omega \nu i ́ o v} \Lambda \iota \beta \epsilon \rho \dot{d} \lambda \iota o s$ (praefect in I $_{54-9)}$ and probably was not an Alexandrian, much less Roman, citizen before he entered the army (cf. Lesquier, Rev. de phil.
1904. 30), for he is mentioned together with a number of Graeco-Egyptian inhabitants of an Arsinoite village. The strongest argument for the military character of epicrisis in certain cases is the apparent correspondence of $\bar{\epsilon} \pi \iota \kappa \epsilon \kappa \rho \iota-$ $\mu$ évos to probatus in the phrase tirones probati voluntarii in B. G. U. 696. i. 28 and tir. prob. in 1022.4 ( $=$ W. Chrest. 453), which is parallel to Trajan's phrase (Plin. Ep. x. 30) dies quo primum probati sunt (sc. tirones illi voluntarii). Probatus is the nearest equivalent of $\dot{\epsilon} \pi \kappa \kappa \epsilon \kappa \rho \iota \mu \dot{\varepsilon} \nu 0 s$ : that this term ever corresponds to translatus,
 Lesquier, op. cit. 21, we do not believe. But it is quite impossible to attach the technical military sense of probare to $\bar{\epsilon} \pi \iota \kappa \rho i v \in \iota \nu$ when this term is applied to veterans, girls, and slaves, and the proceedings connected with epicrisis before the praefect of Egypt or his representative do not in the least resemble a dilectus. That $\grave{\epsilon} \pi \iota \kappa \rho i v \epsilon \iota \nu$ approximates to $\mathfrak{\epsilon} \xi \epsilon \tau \bar{a} \xi \xi \in \nu v$ was shown by B. G. U. 562 (cf. Wessely, op. cit. 25), and that it does not imply selection was proved by 39 ( $=$ W. Chrest. 456), a certificate of àmódvats concerning a weaver of Oxyrhynchus, è $\pi \epsilon \kappa \kappa i \theta \eta ~ \grave{\epsilon} v$ 'A $\lambda \epsilon \xi a v \delta \rho \epsilon$ íq being added three times at the end, and probably representing the signatures of different officials in the original document of which 39 is a copy. That papyrus has generally been considered to refer to rejection from the army, but we now prefer to regard it, with Wessely, as referring to a discharge from a liturgy of some kind; cf. 1415. 9 .

To sum up the evidence concerning epicrisis by the praefect of Egypt, the following different classes can be distinguished: (1) veterans; (2) other ${ }^{\mathrm{P}} \mathrm{P}_{\omega} \mu \mathrm{aio} \iota$, whether of advanced years (P. Stud. Pal. iv. 69. 342, though the reading of the figures $\nu \theta$ is doubtful and possibly the individual was a veteran) or of military age ; (3) Roman women ; (4) Alexandrians; (5) freedmen and (6) slaves of Romans (or Alexandrians) ; (7) others, i.e. Graeco-Egyptians, whether soldiers or not (B. G. U. I42 and 39). The examination was generally held by a military representative of the praefect, but the majority of the persons examined was not eligible for military service, and probably the object of the procedure was in all cases the same, i.e. the determination of legal status, corresponding to the epicrisis of Graeco-Egyptians in the $\chi \omega \rho a$, which, as is now clear (cf. 1452. int.), was by no means confined to the question of remission of poll-tax. Whether epicrisis was universal in the case of Roman citizens in Egypt is uncertain. Out of the ten extracts or certificates concerning them, five refer to veterans (in one case with a daughter) and three to illegitimate sons (in one case with his sister) ; there are only two cases (B. G. U. 143 and 847 ) in which an apparently legitimate son is presented by his father. Since these veterans may only have obtained Roman citizenship by enlisting, and there is no evidence that they had ever gone through the process of epicrisis as youths, there is a presumption that epicrisis
was not resorted to in the case of Romans until or unless circumstances required a legal definition of their status. But this question can hardly be settled unless the use made of these extracts can be determined, and it remains to consider the declaration to which the extract in 1451 was appended.

Here the loss of the beginning of the document unfortunately renders the object of the declaration in 11. I-10 obscure. The date shows that it was not a кат' oiкiav àтоүраф $\eta^{\prime}$, and the census held a year or two before the declaration is actually referred to in 1.26. The other extracts from the тó $\mu, \stackrel{\varepsilon}{\epsilon} \pi \kappa \kappa \boldsymbol{i} \sigma \epsilon \omega \nu$ of praefects do not help, being all independent documents. In P. Flor. 382 the àvtíypaфov $\grave{\epsilon \pi} \pi \kappa \rho i \sigma \epsilon \omega s$ of an Alexandrian citizen (cf. p. 148) is appended to a petition from him to a praefect many years later; but the declaration on oath in 1451 is of a different character. P. Hawara 401 (Archiv, v. 395) bears more





 return concerning a boy called Dionysius, which follows in 11.8 sqq., is of the usual Arsinoite type corresponding to $\mathbf{1 4 5 2}$. $1-27$, and, unless $\Delta$ tovvoiov is restored
 an epicrisis extract (è $\pi i \times \rho \iota \sigma i v \mu o v$ ) corresponding to 1451. II-33 may perhaps have been added later, the conclusion of the document being lost. That the general arrangement of the declaration in 1451 was similar is not improbable, though the end was different, and $\sigma o \iota$ in 1.3 may well be the exegetes or strategus, the document in any case probably being a notification of the epicrisis to a local official for a special purpose. That it refers to a change of residence
 regularly found in the extracts concerning the epicrisis of veterans. But a close parallel for 1451 . $\mathbf{1}-10$ is not at present obtainable.
 $\Sigma_{\epsilon} \epsilon \beta \alpha \sigma \tau 0 \hat{1}{ }^{\prime} A \lambda \epsilon \xi \alpha \nu$.
 тô̂ кupiov $\gamma \in \gamma \epsilon-$

 रрафор і́тотє́т $\alpha$ -
$5[\kappa \tau \alpha \iota, \mu \epsilon \tau \grave{\alpha} \pi \rho \circ \sigma] \phi \omega \nu \tilde{\eta}[\sigma \epsilon \omega] \nu \quad \mu \alpha \rho \tau \dot{v} \rho \omega \nu \quad \tau \rho \iota \hat{\omega} \nu \pi \epsilon \rho \grave{\imath} \tau 0 \hat{v} \epsilon \hat{i} \nu \alpha \iota \tau \grave{\eta} \nu[T \rho o u \nu \nu i ́ \alpha \nu$ Ма́ркє入入 $\alpha \nu$
 каi ．．．．．．o入útov
 є́ $\mu \alpha v \tau \eta$ ŋ̀s vioùs
 ८ऽ）Aข̉токра́то－
 Пар $\iota ⿺ 夂 ⺀ \widehat{v}$

 єं $\pi \alpha ́ \rho \chi^{0 v}$
 $\dot{\alpha} \pi \epsilon \lambda \epsilon \dot{v} \theta \epsilon-$
［ $\rho 0 \iota \kappa \alpha i$ боû Aìvúmtov
 $\Phi \alpha \mu \epsilon \nu \grave{\omega} \theta$
 aủтô（ $\epsilon$＇тous），à $\delta \grave{\epsilon} \pi \alpha \rho \epsilon ́ \theta \epsilon \nu-$
 $\pi \alpha \rho \alpha ́ к \epsilon \iota \tau \alpha \iota$.
 इiroupiov
 ouvos
 $\dot{\eta} \tau \hat{\omega} \nu \quad \pi \rho о к є \iota-$


 $\mu \alpha \rho \tau v \rho о \pi о \iota \eta$－
 $\theta \epsilon o \hat{\text {＇＇}}$＇$\nu \tau \omega \nu$ ívov
 Tроиขvía...



 $\kappa \alpha i \quad \gamma \nu \omega-$
 бu $\chi \in \iota \rho 0-$
 'Iovové $\nu$ -
入ıavov̂ $\sum \pi$ тov-
 Өvүатрòs
 סє̀ . . . . . . . o-
 T $\rho 0[u \nu \nu i ́ \alpha ~ 121$.


 iovalous $\Pi$.
'...to produce for you the record of the examination held by Calvisius Statianus, praefect of Egypt, through Juvencus Valens, praefect of the Imperial Alexandrine fleet, on the .. of Phamenoth of the 15 th year of Aurelius Antoninus Caesar the lord, certified by the record-office at ... through Anubion also called Dionysius, keeper of the records, of which a copy is appended, with declarations of three witnesses to the effect that Trunnia Marcella is the sister of Trunnius Lucilianus, and of the examination of my slaves Euphrosynus, . . . olytus and Plutarchus; and I swear the usual oath made by Romans that they are my children and I have made no false return, under penalty of being liable to the consequences of the oath. The 16th year of the Emperor Caesar Marcus Aurelius Antoninus Augustus Armeniacus Medicus Parthicus Germanicus Sarmaticus Maximus, in the month Hadrianus.

Copy of an examination-certificate. Extract from the volume of examinations held by Gaius Calvisius Statianus, praefect of Egypt, of which the heading is "The hereinafter named veterans, Roman citizens, freedmen, slaves and others were examined by Calvisius Statianus, praefect of Egypt, through Juvencus Valens, praefect of the Imperial Alexandrine
fleet, from Phamenoth of the 15 th year of Aurelius Antoninus Caesar the lord until Pauni of the same year. The claims presented by them to the aforesaid Juvencus Valens are affixed to each name." After other details, sheet 74: "Oxyrhynchite nome: Lucius Trunnius Lucilianus, illegitimate, aged years, Trunnia Marcella, his sister, aged years; slaves, Euphrosynus aged years, . . . olytus aged years, Plutarchus aged
years. The mother of the aforesaid children and mistress of the slaves, E...ia Trunnia ..., acting by the ius liberorum, produced concerning herself a tablet of declaration under seal dated in the 15 th year of the deified Hadrianus, and concerning the children two tablets of evidence under seal, dated, that of Lucilianus in the 16th year of the deified Antoninus, and that of Marcella in the 4th year of Aurelius Antoninus, in which the aforesaid Trunnia . . . testified that the persons under examination were her children by unlawful marriage, and concerning the slaves the certificate that they were born in the house, and a census-return of the 14 th year of Aurelius Antoninus, in which the slaves were registered. Trunnia also provided as certifiers . . . Hermaiscus and two Julii, Hermippus and . . ., who declared jointly with her that no fictitious evidence had been used." And (a copy) of the description made by the aforesaid Juvencus Valens, in the case of the aforesaid Trunnius Lucilianus "illegitimate, 23 years, with no distinguishing mark", in that of Trunnia Marcella "illegitimate, in years, with no distinguishing mark", and with regard to the slaves, in the case of Euphrosynus " 9 years, with no distinguishing mark", in that of ... olytus " $[$.$] years with no distinguishing mark", and in that of Plutarchus " 5$ years, with no distinguishing mark".

Presented by me, Trunnia ... I, Gaius Caecilius Clemens also called Berenicianus, ...'





- 3. $\dot{\epsilon} \pi \iota] \phi \dot{\epsilon} \rho \epsilon \iota \nu$ : cf. 1. 19. à $\nu$ a] $\bar{\epsilon} \rho \epsilon \epsilon \nu$ would also be suitable.
$\dot{\epsilon} \pi \epsilon \sigma \kappa \epsilon \mu \mu \epsilon ́ \nu \eta \nu$ : cf. 1587. 3 sqq., and $\dot{\epsilon} \pi i \sigma \kappa(\epsilon \psi i s) \dot{\nu} \pi о \mu \nu \nu^{\prime}(\mu a \tau o s)$ in 1649, a document emanating from a $\beta \iota \beta \lambda \iota \circ \theta_{\dot{\prime} к \eta \text {, and B. G. U. 73. I5. }}$
$\epsilon^{\prime} \nu\left[16\right.$ letters: if $\delta \eta \mu \sigma \sigma i a s$ is supplied, there is hardly room for $\epsilon^{\prime} \nu$ ['A $A \epsilon \xi a \nu \delta \rho i a$ or ['o ${ }^{\prime} v \rho \imath \gamma \chi i \tau \eta$ before it, but $\dot{\epsilon} r[\theta a \dot{\partial} \dot{\epsilon}$ would be possible, especially since the first two letters of
 was probably the scene of this epicrisis, conducted by a praefect of the fleet, as it was the place of epicrisis of Tryphon in 39 and Heron in P. Flor. 382 ; cf. p. 148 . The other parallels mentioned on p. 148 contain no clear indications of the place, but for the most part suggest Alexandria; cf. P. Hamb. p. 132. Whether, however, the official records of epicrisis, which were tabulated geographically (1. 17), were kept at Alexandria or forwarded to the nomes is not certain, where residents in the $\chi$ 白 $\rho a$ were concerned. Wilcken (Chrest. I43. int.) supposes that the extract quoted in P. Flor. 382 was deposited at Hermopolis, but we should interpret the difficult 1l. $76-7$ of that papyrus differently. єiкovı $\theta^{\prime} \varphi \tau \omega \nu$, which he connects apparently with $\beta_{\iota} \beta \lambda \iota \delta i \omega \nu$ understood and interprets as 'made in extract ', is probably parallel to the preceding participle єiఠкр $\iota \nu \mu$ о́v $\omega \nu$ and qualifies $\pi a i \delta \omega \nu$, meaning 'described' and referring to the $\sigma \eta \mu \epsilon i \omega \sigma t s$ (cf. 1451. 30 and $\epsilon i \kappa o \nu \tau \sigma \mu o ́ s ~ i n ~$ B. G. U. 562.6 ), while $\beta_{0} \rho \iota \nu o v$ is likely to refer not to 'das bekannte Nordquartier von Hermopolis', which is not attested and ought in any case to have been more explicitly indicated, but to a subdivision of the previously mentioned $\gamma \rho a \operatorname{\mu } \mu a$ at Alexandria ; cf. the $\pi \lambda \iota \nu$ iov $\zeta$ Boppı $(\nu)_{o ́ v}$ of the 2nd $\gamma \rho \dot{a} \mu \mu a$ at Antinoë in P. Brit. Mus. 1164. (d) 12 . Since the $\pi \rho o ̀ s ~ \tau \hat{\eta}$ 'A $\theta \eta \nu a ̣ a ̀ ~[\gamma \rho a] \phi \epsilon i o \nu$ may also be at Alexandria, and Heron's residence in the

Hermopolite nome may date from a period long after his epicrisis at Alexandria, the Florence papyrus does not really provide any argument for supposing that the records of epicriseis held at Alexandria were sent away from that city, and since the position occupied by the place-name in 1451. I7 and similar extracts suggests that the $\sigma \in \lambda i \delta \in s$ refer to the whole of Egypt, not the particular nome, ['A $\lambda \epsilon \xi a v \delta \rho \in i a$ or some locality within it is on the whole more probable than [' $\mathrm{O} \dot{\xi} \nu \rho \dot{\prime} \gamma \chi \omega \nu \quad \pi o ́ \lambda \epsilon \iota$ in 1. 3. Another alternative is $\epsilon \dot{\epsilon}[\kappa \pi \dot{\eta} \sigma \epsilon \omega \nu$ тoù $\nu о \mu о \hat{v}$ (cf. B. G. U. 73. 13) ; but $\tau \hat{\omega} \nu \dot{\epsilon} \nu[\kappa \tau \dot{\eta} \sigma \epsilon \omega \nu$ would be expected.
5. $\mu \epsilon \tau$ à $\pi \rho \circ \sigma] \phi \omega \nu \dot{\eta}[\sigma \epsilon \omega] \nu:$ каì $\pi \rho a \sigma \mid \phi \omega \omega^{\prime} \sigma l^{\prime} \nu$ is less likely, especially as $\tau \hat{\omega} \nu \delta o u ́ \lambda \omega \nu$ in l. 6
 The name of the first witness probably occurs in 1.34 ; he was not identical with any of the three $\gamma \nu \omega \sigma \tau \hat{\eta} \rho \epsilon s$ in l. 28.

5-6. For the restoration cf. l. 18.
 Savignyst. xx. ${ }^{2} 5^{2-3}$.

7-8. Cf. Il. 25 and 29.
8. $̈$ ẽovs $[\varsigma: \iota \zeta$ is equally possible, for the association of Commodus with Marcus Aurelius, which took place in the $17^{\text {th }}$ year, is ignored in papyri written in Tubi (P. Amh. 170) and Mecheir (P. Brit. Mus. $1265 f$.) of that year, i. e. later than Hadrianus-
 Statianus was still in office when the declaration was written is uncertain. He took part in the revolt of Avidius Cassius and was superseded by Pharmouthi 6 of the 16 th year (April 1, 176; B. G. U. 327 . 1).
 67. If divTiypaфov was written out, this line probably projected by about 3 letters; for an addition of 3 letters to the lacunae at the beginnings of lines would cause a large increase in the number of words divided between two lines.

Гaiov Ka入ovıбio[ $[$ Eratiavov : cf. 1. 8, n. and Cantarelli, Prefetti, i. 57. 1451 agrees with C.I.L. $12 \mathrm{O}_{4} 8$ concerning his praenomen, which according to Dio lxxi. 28 was Flavius. An epicrisis held by him apparently in person, which is mentioned in B. G. U. 847. I3 (cf. 1. 21 , n.), was probably different. For ô̂ $\pi \rho \sigma \gamma \rho] a \phi \eta^{\prime}(1.12)$ cf. e. g. P. Alex. 2.





 43, \&c.

14-15. For $\Phi a \mu \epsilon \nu \dot{\omega} \theta$ cf. l. 2, where $\theta \omega \dot{\omega} \theta$ is the only alternative but is excluded by the mention of $\Pi a \bar{\nu} \nu$ here, the period of epicrisis usually occupying three months or less ; cf. B. G. U. $265.1_{4}$, where it began and ended a month earlier than in 1451, and P. Hamb. p. $132^{2}$. For the omission of the day cf. B. G.U. $780.5,847.5$. There is hardly room for the insertion of it twice here, even though a day may well have been mentioned in I. 2 . For à $\delta \grave{\epsilon} \kappa \tau \lambda$. cf. P. Alex. 8, B. G. U. I033. 7.
17. The figures, of which the reading of is very uncertain, had a stroke over them. 'O§vриухєiтov confirms Wilcken's reading 'Apoıvo[Eєiтov in B. G. U. 847.9 as against Jouguet's suggestion 'A $\rho \sigma \iota \omega^{\prime}[\eta \overline{ }$, based upon $\Pi \eta \lambda$ avaiov in P. Alex., which he referred to the village of Pelusium near Theadelphia, where the papyrus was found. A nome, however, is usually mentioned at this point (cf. B. G. U. 1033. 9 'A $\sigma \sigma \nu 0$ ?] $\epsilon i \tau \sigma v$ ), and Pelusium in P. Alex. is, we think, more likely to be the well-known city, which issued separate coins corresponding to those of the nomes and stood apart from the Sethroïte nome ; cf. 1380. 74, n.

17-18. For $\Sigma \pi$ moupiou viós cf. P. Alex. 11, B. G. U. 1032. 17. The omission of the numbers referring to the ages is usual at this point, but they were inserted in the $\sigma \eta \mu \epsilon i \omega \sigma \iota s$; cf. 1l. 23-4, n.

18-19. For the names of the slaves cf. ll. 32-3. 'I $\pi$ ró久utos is too short in both places, only a brief space being left blank after $\epsilon$ '́tề here.
 and B. G. U. 847. II.



$E[\ldots]<a \operatorname{T} \rho o_{\imath}^{\tau} v \nu v i ́ a . \ldots: \sigma$ can be read for $\epsilon$, but not $\tau$, so that the first name was certainly not Toovvía. That she had a long third name is rendered probable by ll. 24-5 and 33. The occurrence of three names for a woman is unusual, but seems inevitable. $\chi \omega \rho i s ~ к и \rho i o v ~ i s ~ c o m m o n ~ i n ~ t h i r d-c e n t u r y ~ p a p y r i ~ i n ~ c o n n e x i o n ~ w i t h ~ \chi \rho \eta \mu a \tau i ́ \zeta o v \sigma a ~ \tau \epsilon ́ к \nu \omega \nu ~ \delta ı к а i ́ \varphi ~$ (cf. 1467. int.), but does not occur in the parallel passages of P. Alex. and B. G. U. ro32.
 of birth see the Cairo tablet Inv. 29807 and 894 ( $=$ W. Chrest. 212-13). The word is also to be recognized in B. G. U. 847. 16 ( $=$ W. Chrest. 460) where the editors read ]. . $\bar{\beta}[$.$] . oфє \sigma \tau \iota$. [. . .] $\omega \nu$ (for the confusion of $\sigma \sigma$ with $\sigma \tau$ cf. e. g. Archiv, vi. 102 Kגaatioós). The whole passage in B. G. U. 847. 9-17 we should restore on the analogy







 18, where the slaves are distinguished from the ' $\mathrm{P} \omega \mu \mathrm{aiou}$ ), and sealed professiones of birth do not suit freedmen, slaves, or even Alexandrians. Hence we prefer to suppose that both Maximus and Polydeuces were Romans, and presented for examination by their father. Polydeuces as a Roman cognomen in Egypt is not more remarkable than e. g. Diogenes in P. Alex.
22. For the restorations at the beginning cf. l. 23, and for those at the end P. Alex. 18, B. G. U. 1032. 3. In P. Alex. the $\mu$ дагтиротoinots concerning a twin sister of Diogenes was also produced, but she was not included in the epicrisis, being perhaps dead.

23-4. The dates of the two $\mu$ артиротои́ $\sigma \epsilon \epsilon$ are no doubt the years of birth, as is shown by P. Alex., where the correspondence between the year of Diogenes' birth and the date of his mother's $\mu$ артиротоinots is not only to be inferred, as is done by Jouguet, from the circumstance that the $\mu$ артvротoinots was made in the same year as the mother's enfranchisement, but was actually stated in the undeciphered last word of the papyrus, which is $\epsilon^{*} \kappa \sigma \sigma \mid$, $\epsilon ' \tau \hat{\omega} \nu$ being omitted, as in 1451. $3^{1-3}$. Concerning Lucilianus' and Marcella's age all that is quite certain is that he was aged either 3,13 , or 23 in the 15 th year (l. 3 r), and that the $\mu a \rho \tau v \rho о \pi o i \eta \sigma \iota s$ of her birth was made in the $4^{\text {th }}$ or 14 th year of Marcus. There is a slight space between $\delta\left(\begin{array}{c}c ̌ \\ \tau \epsilon \\ )\end{array}\right)$ in 1.24 and the lacuna, which favours the 4 th as against the 14 th year, and though one of the slaves was aged $5(1.33)$, and in P.Tebt. 316 Alexandrian boys became ephebi at the age of 3 and 7 , the epicrisis of a girl under 2 is improbable. Hence the $4^{\text {th }}$ year may be taken with much confidence as the year of Marcella's birth, especially as this suits the restoration of the lacuna in $11.3 \mathbf{1 - 2}$. The circumstance that the 4 th year, which belonged to the joint rule of Marcus and Verus, is ascribed in the 15 th year to

Marcus alone is not a serious objection ; cf. the references to the ist and 6th years in 1449, written after the death of Septimius Severus. The age of Lucilianus is more open to question. There is hardly any presumption that he was older than his sister simply because he is mentioned first, for a girl would in any case be likely to be mentioned after a boy ; cf. the arrangement of the sexes in кат' оікіау dтоүрафаi, e. g. 1547-8. The age of the youth in P. Alex., 20 years, suggests 23 as the number in 1.31 , and in 1022 the ages of tirones probati (cf. p. 152) range from 20 to 25 . On the other hand Tpov[vviou
 insertion of cikoo not only makes the end of 1.30 rather long, but requires in $11.23-4$
 (cf. 1. 2), although it occurs in 1. 22. With the omission of eikoat in 1. 31 , Aovec $\lambda \lambda \iota a v[\rho \hat{v} \tau \hat{\omega}$ $\iota \beta$ ( $\ddot{\epsilon} \tau \epsilon) \tau \bar{\eta} \nu \mid \delta \dot{\epsilon}$ Mapкє $\lambda \lambda \eta s \tau \hat{\varphi}] \delta$ ( $\left.{ }_{\epsilon} \tau \tau \iota\right)$ is the natural restoration of $11.23-4$; but this is too short by about 7 letters (which might be supplied by the insertion of a month after $\iota \beta$ ( $\epsilon \tau \tau \iota$ )

 There is a great advantage in having a different reign contrasted with Aúpp入iov 'Avt $\omega v i \nu o v$ in 1. 24 , and in view of the parallel in P . Alex. we have no hesitation in preferring the insertion
 and requires $\tau \hat{\omega} \hat{\beta}$ ( $\vec{\epsilon} \tau \epsilon \iota$ ) in $\mathrm{J} .{ }^{2} 2$, not evading the difficulty there) or to the omission of
 difficulty caused by the length of the supplement, but would not be in accordance with P. Alex. or B. G. U. 1032 or the probable restoration of $11.33^{1-2}$. If, however, the ages of Lucilianus and Marcella were not 23 and II but 13 (or 3 ) and 1 , that only serves to strengthen the argument on p. 150 , against the military character of epicrisis. A higher age for Lucilianus than 23 is excluded by the term $\pi a i \hat{i} \omega \nu$ in 1.22 .

25-6. vioús: P. Alex. 21 in referring to a son and daughter uses téкдa. For tov̀s

26. Cf. B. G.U. 1033. 22 sqq., where a кат' oikià à $\pi о \gamma \rho a \not{ }^{\prime} \eta$ and two oikoүévetaı are produced as evidence at the epicrisis of slaves. The census of the 14 th year of Marcus is the only one that could have included slaves of which the eldest was 9 (l. 32).

27-8. Three was the regular number of the $\gamma \nu \omega \sigma \pi \bar{\eta} \rho \epsilon s$ (certifiers to identity) in this context ; cf. P. Alex. 24-5, where kai in the lacuna before the third name is to be omitted,


 $\ddot{\mathrm{P}}$. Alex. 26, the lacuna at the beginning of the line requiring 3 not 5 letters, and though B. G. U. 1032. I4 suggests that it is there an error of the copyist for $\mu \eta \delta \epsilon \nu \nu^{\prime}, \mu \eta \delta \dot{\epsilon}$ тoc seems possible in B. G. U. 1033. Probably $\tau \bar{\omega} \nu \gamma^{\prime}$ ' $\pi \iota \mu$ úzov in P. Flor. 79. 16 refers to $\gamma \nu \omega \sigma \tau \hat{\eta} \rho \epsilon \varsigma$, as suggested by Wilcken, Chrest. 145. 13, n. For other kinds of $\gamma \nu \omega \sigma \tau \eta \hat{\rho} \epsilon \mathrm{s}$ cf. 1490. 2, n., and P. Hamb. p. 137.
30. $\sigma \eta \mu$ ] $\epsilon \dot{\omega} \sigma \epsilon \omega s$ : cf. P. Alex. 27 and 1. 3, n. The genitive is dependent on ávtiypaфov understood.

31-2. On the ages of Lucilianus and Marcella see ll. $23-4, \mathrm{n}$.
33-4. Tpo[vvia is written thicker than the preceding and following lines, but is not certainly in a different hand from one of the other two: 1.34 is distinctly not by the first hand, and presumably contains the signature of one of the three witnesses mentioned in 1.5 , not a writer on behalf of Trunnia, who is unlikely to have been illiterate. $\dot{\epsilon} \pi \tau \delta \in \in \delta \omega к а$ каi
 the following name (cf. ll. 20-1 and 24-5) was omitted here, as in l. 27 , there is not room


## 1452. Two Epicrisis-Returns.

$$
18.8 \times 8.8 \mathrm{~cm} . \quad \text { A. D. } 127-8 .
$$

These two epicrisis-returns concerning a Graeco-Egyptian boy of thirteen called Sarapion, both sent simultaneously by his uncle to the strategus, basilicogrammateus, and other officials (1.2, n.), are parallel to several published papyri from Oxyrhynchus. The first, which is a claim for the admission of Sarapion to the class of inhabitants of the metropolis paying 12 drachmae for poll-tax (less than the normal amount ; cf. 1436. 8, n.), closely resembles 258, 478, 714, 1028, 1109, 1306, and Wilcken, Clirest. 217; the second, a somewhat different claim for his admission to the privileged class of oi $\grave{\epsilon} \kappa$ rồ $\gamma v \mu \nu a \sigma i o v, ~ c o r r e s p o n d s ~ t o ~ 257 ~$ ( $=$ W. Chrest. 147 ; A. D. $94-5$ ) and 1266 (A. D. 98). Both returns break off just before the point at which the parallel documents give the ancestry on the mother's side ; but since Sarapion's father and mother were full brother and sister (11. 10-12, $3^{6-9}$ ), no separate statement of his ancestry on the mother's side is required, and it is probable that practically nothing is lost in either return except the customary oath, signature, and date.

The occurrence of these two distinct returns side by side serves to throw light on several disputed points in connexion with the much discussed subject of epicrisis (cf. 1451. int.). The view of Schubart (Archiv, ii. I57) and Lesquier (op. cit. 26), that these two classes of Oxyrhynchite claims were not really different from each other, but alternatives, and that oi $\grave{\epsilon} \kappa$ тov̂ $\gamma v \mu \nu a \sigma i ́ o v ~ w e r e ~$ equivalent to $\mu \eta \tau \rho о \pi о \lambda i ̄ \tau \alpha \iota ~ \delta \omega \delta \epsilon \kappa \kappa ́ \partial \rho \rho a \chi \mu о \iota$, which was controverted by Wilcken (Grundz. 199) and Jouguet (Vie munic. 79-80), is shown to be incorrect. The references in the second return in 1452 to oi $\grave{\epsilon} \kappa ~ \tau o \hat{v} \gamma v \mu \nu a \sigma i o v a l s o ~ t e n d ~ t o ~ c o n f i r m ~$ Wilcken's and Jouguet's wide interpretation of that expression, i. e. 'belonging to the gymnasium', not 'descended from a gymnasiarch', as suggested in 257. int. Though some points remain in doubt (cf. 11. 34-5, 53, 54, nn.), the second return, like 257 and 1266, traces the ancestry back through the epicrisis of A.D. 72-3 (cf. 11. 44-6, n.) to the $\gamma \rho a \phi \eta^{\prime}$ of A.D. 4-5; but it does not describe the individual entered in the $\gamma \rho a \phi \dot{\eta}$ as either the grandson of a gymnasiarch (257. 20), or a guard of the palaestra (1266.8). Probably, however, descent from a member of that र $a$ a $\eta^{\prime}$, rather than actual membership of a gymnasium, was the main qualification

 Hermopolite returns which correspond with some variations to the second return in 1452 and trace descent back to the reign of Nero, women are called àmò rupuariov, and a child aged I is entered on the list of $\dot{a} \phi \eta_{\lambda} \lambda \kappa \epsilon s$ of that category (P. Ryl. 102. 34).

The Arsinoite epicrisis-returns, B. G. U. 109, 324, 971 1, P. Gen. 18, 19, Grenf. ii. 49, Fay. 27, 209, 319, Tebt. 320, Hawara 401. 8 sqq. (cf. 1451. int.), Ryl. 103-4, all belong to the same class as the first of the two in 1452. The formula naturally differs to some extent from that of the Oxyrhynchite examples, but Wilcken, Grundz. 199-200, somewhat exaggerates the amount of the variation. The Arsinoite examples do not insert the phrase $\epsilon \mathfrak{l} \stackrel{\xi}{\xi} \grave{\alpha} \mu \phi o \tau \epsilon \in \rho \omega \nu$ रov ${ }^{\prime} \omega \nu \mu \eta \tau \rho o-$
 of census-lists, which are seldom, if ever, adduced as evidence in the Oxyrhynchite returns (cf. 1. 27 , n.), these referring to payments of poll-tax (e. g. 1. 21) or $\grave{\epsilon} \pi \iota \kappa$ кí $\epsilon \iota s$ (e.g. 478. 31) ; but the evidence adduced in the Arsinoite examples, where it is not stated that кы́тоько are concerned and єiкобiò рахиоь are probably meant,
 Nor can we agree with Wilcken's view that the Arsinoite expression $\dot{v} \pi \epsilon \tau \dot{\jmath} \xi a \mu \in \nu$ тà oíxaua refers, not to the details immediately following (census-lists, sometimes supplemented by $\grave{\epsilon} \pi \iota \kappa \rho i \sigma \epsilon \iota s$ of members of the family), but to quotations which were written on a separate papyrus, originally enclosed but not preserved. $i \pi n-$ rá $\sigma \sigma \epsilon \iota \nu$ is commonly used with reference to something included in the same document (e.g. 1470. 6), and $\mu \grave{\ell} \nu$ ồv, which follows in e.g. P. Tebt. 320. II, indicates that the $\delta$ íкaıa were given in the next sentence. $\sigma \nu \mu \pi \alpha \rho \epsilon \theta \epsilon \notin \eta \nu$, which Wilcken regards as parallel to $\mathfrak{u} \pi \epsilon \in \tau a \xi a$, seems rather to be contrasted with it. Concerning Hermopolis fresh information is afforded by the unpublished P. Brit. Mus. 1600 (Bell, Archiv, vi. 107-9), a series of applications for epicrisis, one of
 papyrus, and still more that of 1452 , serves to settle the question discussed by Jouguet (Vie munic. 83-5) about the relation of the returns concerning oi $\dot{\epsilon}_{\mathrm{k}}$
 that these terms are not mutually exclusive, and that the epicrisis in the case of
 returns, which were concerned with the remission of poll-tax. Probably the local officials were chosen from oi $\grave{\epsilon} \kappa$ тồ $\gamma$ vuvaríov, who must have been less numerous
 oi $\grave{\epsilon} \kappa ~ \tau o \hat{v} \gamma v \mu \nu$. was also a necessary preliminary for attaining to the $\grave{\epsilon} q \eta \beta \epsilon i ́ a ;$ cf. 1202, P. Flor. 382, Jouguet, op. cit. 150 sqq., Wilcken, Grundz. 140-3. Before becoming an ephebus, however, an eढँ $\kappa \rho \iota \sigma \iota s$ was necessary, and applications concerning admission to the $\dot{\varepsilon} \phi \eta \beta$ cia were addressed in the first instance to the exegetes of Alexandria in the case of Alexandrian citizens resident in the $\chi \omega \rho a$ ( 477 and P. Flor. 382 ), or to the exegetes of the nome in the case of ordinary Graeco-Egyptian youths (P. Flor. 79, Ryl. 101), not to the strategus, basilicogrammateus, \&c., as is the case with 1452 and no doubt 257 and 1268 (which
have lost the address, if it was ever written). Hence the latter class of returns stands apart from those referring to ephebi, and nearer to the epicrisis-returns concerning $\mu \eta \tau \rho о \pi о \lambda \grave{\imath} \tau a l$, though the epicrisis of oi Є̇к то仑̂ $\gamma v \mu \nu a \sigma i ́ o v ~ w a s ~ o f ~$ a municipal rather than financial character.

The following list of the successive generations in Sarapion's ancestry combines the evidence of both returns; cf. 11. 27, 44-6, and 57-8, nn. (I) Pkaës (?), (2) Ammonius, (3) Ptolemaeus, included in the $\gamma \rho a \phi$ ' of A.D. 4-5 (11. 53-4),
 tered in the census (?) of 89-90, and dead before 127-8 (11. 3, 25, 49), (6) Sarapion, è $\pi \iota \kappa \rho \iota \theta \epsilon$ ís in $9 \div-100$, married to his full sister Tnephersois, registered in a poll-tax list of 123-4, and dead before 127-8 (11. 11, 20, 37, 56), (7) Sarapion, born in 113-14, èm $\pi \mathrm{k} \rho \mathrm{l} \theta$ eís in 127-8 (1l. 13-14, 39-40).

Above each column is a cross like a large $\chi$, as in 1028 and 1547.

Col. i.





$\kappa \alpha \tau \grave{\alpha} \tau \grave{\alpha} \quad \kappa \in \lambda \epsilon \nu \sigma \theta(\epsilon \in \nu \tau \alpha) \pi \epsilon \rho \grave{\imath} \dot{\epsilon}[\pi \ell] \times \rho i(\sigma \epsilon \omega s) \tau \widehat{\omega} \nu$



10 ó $\tau \hat{\omega} \nu \dot{\partial} \mu о \pi a \tau \rho i ́ \omega \nu \mu o v \dot{\alpha} \delta \in \lambda(\phi \hat{\omega} \nu)$
इapamí( $\nu 0 s) ~ к а i ~ T \nu \in \phi \in \rho \sigma o ́ 九 т о s ~$
$\mu[\eta \tau \rho o ̀(s)] \Delta \omega \gamma \underline{v} \mu \mu \epsilon \omega s$ viòs


15 'Aठplavồ Kaíoapos tô̂ кupíou•
ö $\theta \epsilon \nu \quad \pi \alpha \rho \alpha \gamma \epsilon \nu o ́ \mu \epsilon(\nu)$ ) $\pi \rho o ̀ s ~ \tau \grave{\eta} \nu$

aủтòv ( $\delta \omega \delta \epsilon \kappa \alpha ́ \delta \rho \alpha \chi \mu \circ \nu$ ), каi тòv $\uparrow[0]$ ụ́тov
$\pi \alpha \tau \epsilon ́ \rho \alpha$ द̇ $\mu о \hat{v}$ ठ̀ $\grave{o} \mu о \pi \alpha \dot{\alpha}-$

тò $\pi(\rho i \nu)$ óv $\tau \alpha(\delta \omega \delta \epsilon \kappa \alpha ́ \delta \rho \alpha \chi \mu \nu \nu) \delta_{\imath}^{\prime}$ ó $\mu \nu \lambda o ́ \gamma(o v) \lambda a[0] \gamma \rho \alpha(\phi i \alpha s)$

$\Pi \alpha[\rho] \alpha \delta є i ́ \sigma o v, \kappa \alpha i$ тòv $\pi[\alpha \tau(\epsilon \rho \alpha) \tau \hat{\omega} \nu$ ó $\mu о-$
$\pi \alpha \tau \rho i \omega \nu \quad \mu o v$ á $\delta \epsilon \lambda \phi \hat{\omega} \nu \tau 0 \hat{v}$

$\Delta \iota \delta \delta(\rho \circ \nu) \tau \in \tau \in \lambda(\epsilon \cup \tau \eta \kappa \epsilon ́ \nu \alpha \iota)$ тò $\pi(\rho i \nu)$ ơv $\tau \alpha(\delta \omega \delta \epsilon \kappa \alpha ́ \delta \rho \alpha \chi \mu \circ \nu)$ ，


Col．ii．
11． $28-32=1-5$ ．
$33 \kappa \alpha \tau \grave{\alpha} \tau \grave{\alpha} \kappa \epsilon \lambda \epsilon \cup \sigma \theta(\epsilon \in \tau \tau \alpha) \pi \epsilon \rho \grave{\imath} \epsilon \pi \iota \kappa \rho i(\sigma \epsilon \omega s) \tau[\hat{\omega} \nu$

35 то仑̂ ү́́vous тoútou 〈єiбív〉，є̇тáyך
＇$\pi$＇$\dot{\alpha} \mu \phi o ́ \delta(o v) K \rho \eta \tau \iota K o \hat{v}$ ò $\tau \hat{\omega} \nu$ ó－
$\mu о \pi \alpha \tau \rho i \omega \nu$ رоv $\alpha \dot{\delta} \in \lambda(\phi \hat{\omega} \nu) \quad \Sigma \alpha \rho \alpha \pi i \omega(\nu 0 s)$
$\kappa \alpha i \quad T \nu \epsilon \phi \epsilon \rho \sigma o ́ \iota \tau о s \quad \dot{\alpha} \mu \phi 0(\tau \epsilon ́ \rho \omega \nu) \mu \eta \tau[\rho o ̀(s)$
ب［ $[\omega \gamma \bar{v}] \mu(\epsilon \omega s$ ？？）viòs $\Sigma \alpha \rho \alpha \pi i \omega \nu \pi \rho[o \sigma \beta(\epsilon \beta \eta \kappa \omega ̀ s)$

＇Aסpıavov̂ Kaíбароs тои̂ кирíov•
${ }_{0}^{\circ} \theta \in \nu \quad \pi \alpha \rho \alpha \gamma \in \nu o ́ \mu \epsilon(\nu 0 \varsigma) \pi \rho o ̀ s ~ \tau \grave{\eta} \nu$ тoútov
є́тiкрı（ $\sigma \iota \nu) \delta \eta \lambda \bar{\omega}$ кат⿳亠 $\tau \grave{\eta} \nu \quad \gamma \in \nu о \mu \epsilon ́(\nu \eta \nu)$

$45 \sum \omega \sigma \iota \beta$（iov）$\sigma \tau \rho \alpha(\tau \eta \gamma \eta \dot{\eta} \sigma \nu \tau о \varsigma) \kappa \alpha i \quad N \iota \kappa \alpha ́ \nu \delta(\rho \circ v) \gamma \in \nu 0 \mu \epsilon ́(\nu 0 v) \beta \alpha[\sigma \iota \lambda(\iota \kappa 0 \hat{v})$


$\pi \alpha \tau \epsilon ́ \rho \alpha \quad \dot{\eta} \mu \hat{\omega} \nu$ то仑
סє̀ $\dot{\alpha} \phi \dot{\eta} \lambda(\iota к о \varsigma) \pi \alpha ́ \pi \pi o \nu ~ \Pi \lambda о v \tau i ́ \omega(\nu \alpha)$


$\dot{\alpha} \pi 0 \delta \epsilon i \xi \epsilon(\sigma \iota \nu)$ ஹंs каi ò aن́vov̂ $\pi \alpha \tau(\grave{\eta} \rho)$



$[\hat{\epsilon} \mu \circ \hat{v}] \quad \delta \dot{\epsilon} \quad \dot{o} \mu о \pi \alpha \dot{\tau} \rho \iota o(\nu) \alpha \dot{\alpha} \delta \epsilon \lambda(\phi o ̀ \nu) \sum \alpha \rho \alpha \pi[i \omega(\nu \alpha)$



```
    \([\kappa \alpha \theta \eta ́ \kappa(\epsilon \iota)\) є́ \(\pi] i\) то仑 \(\pi \rho о к \epsilon \iota \mu \in ́ \nu о v\) [
\(60[\dot{\alpha} \mu \phi o ́ \delta(o v)] \Delta\) о́ó \(о v \quad[\Gamma \nu \mu \nu \alpha(\sigma i ́ o v)\),
\[
\text { 21. то) } \Pi \text {; so in ll. } 26,55 . \quad \text { 34. l. } \epsilon i \text { for } \eta . \quad \text { 51. v) }\llcorner\Pi .
\]
```

- To Agathodaemon, strategus, and Hierax, basilicogrammateus, and the other proper officials, from Diodorus son of Plution son of Diodorus, his mother being Tatriphis daughter of Amoïs, of Oxyrhynchus. In accordance with the orders concerning the examination of boys who have reached the age of thirteen years, if both their parents are inhabitants of the metropolis rated at 12 drachmae, Sarapion the son of my brother and sister on the father's side Sarapion and Tnephersoïs, whose mother is Dogumis (?), was put in the list at the Cretan quarter as having reached the age of $r_{3}$ in the past inth year of Trajanus Hadrianus Caesar the lord. Wherefore coming forward for his examination I declare that he is rated at 12 drachmae, and that his father, my brother on the father's side Sarapion, died some time ago being rated at 12 drachmae in an undisputed (?) poll-tax list of the 8th year of Hadrianus in the quarter of Pammenes' Garden, and the father of my brother and sister on the father's side and grandfather of the minor, Plution son of Diodorus, died some time ago, being rated at 12 drachmae, who was also registered (?) in the 9th year of Domitian . . .

To Agathodaemon, \&c. In accordance with the orders concerning the examination of those who have reached the class of persons belonging to the gymnasium, if they are of this descent, Sarapion, son of my brother and sister on the father's side Sarapion and Tnephersoils, whose mother is in both cases Dogumis (?), was put in the list at the Cretan quarter as having reached the age of 13 in the past 11 th year of Trajanus Hadrianus Caesar the lord. Wherefore coming forward for his examination I declare that at the examination of those belonging to the gymnasium held in the 5 th year of the deified Vespasian by Sutorius Sosibius, then strategus, and Nicander, then basilicogrammateus, and the other proper officials our father, the grandfather of the minor, Plution, was examined as resident in the Gymnasium Square quarter in accordance with the proofs adduced by his father, who was over age, that his father also, Ptolemaeus son of Ammonius son of Pkaës (?), was in the list of ... of the $34^{\text {th }}$ year of the deified Caesar, which Plution died some time ago, and that the father of the minor, my brother on the father's side, Sarapion, was likewise examined in the 3rd year of the deified Trajan by Dionysius (?), then strategus, and the other proper officials, as resident in the aforesaid Gymnasium Square quarter. . .'
 Hathur 17 of the 14 th year (1024. I).
2. 'Ífpakt: he was still in office in the 14 th year with Asclepiades as strategus (1024.7), for whom he became deputy (1024. 43, undated). The Hierax of 579 , who was contemporary with Apollinarius, strategus in the 20 th-22nd years (1472. 1, 484. 2), was probably a different person.
 үрациатєі̀s $\pi$ ódє $\omega$ s (714. 5 sqq.; cf. 1028. 3, where $\gamma(\nu \mu \nu a \sigma t a \rho \chi \dot{\eta} \sigma a \nu \tau \epsilon s)$ probably implies $\beta_{1} \beta \lambda_{\iota} \neq \dot{\text { údakes, }}$ as remarked by Wilcken, Grundz. $20 \mathrm{I}^{1}$, and there are two $\gamma \rho a \mu . \pi \mathrm{o} \mathrm{\lambda}$.). In the other Oxyrhynchite parallels mentioned on p . 160 the address is omitted, as in P. Ryl. IO4.
 cannot be read.
 where it is sought to show that it means 'undisputed' in all cases.
 $\gamma \rho a ́ \phi \theta a t$; cf. the Arsinoïte parallels discussed on p. 161. [̂̂] ккиì кл入. in any case probably supplied the evidence for Plution being a $\delta \omega \delta \epsilon \kappa$ ќ $\delta \rho a \chi \mu o s$, and corresponded to $\delta \iota^{\prime} \dot{\delta} \mu \circ \lambda \dot{o}_{\gamma}($ ov $)$ $\lambda a o \gamma \rho a(\phi i a s)$ in l. 21. There is hardly any doubt about the reading, $\epsilon$ being much less
 Plution underwent epicrisis in the 5 th year of Vespasian, so that $\dot{\epsilon} \pi \iota \kappa \in \kappa \rho i \sigma \theta a t$ cannot be restored here; but his age at the time of that event is not clear ; cf. $11.44-6, \mathrm{n}$.
 but the correction of $\eta$ to $\epsilon i$ is suggested not only by the parallel passage in 1.7 and by the use of $\dot{\eta}$ for $\epsilon i$ at the corresponding point in Wilcken, Chrest. 217. 7, but also by the Strassburg papyrus from Hermopolis quoted by Wilcken, Grundz. 200, in which some

 unsatisfactory. With $\eta$ there would be a contrast between persons who were actually members of the gymnasium and those who were descended from such persons, but this
 children (cf. p. 160) and designates a class. That the ancestry was an essential point of the evidence is indicated both by the details found in all epicrisis-returns concerning of '̂k tov
 young Graeco-Egyptians frequented the gymnasia is not directly attested, but has generally been assumed to be 14, that being the age of epicrisis and normally of $\epsilon \phi \eta \beta \epsilon i a$. But at Athens the period of $\dot{\epsilon} \phi \eta \beta \in i a$ (from $18-20$ ) followed after that of education at a gymnasium, and since Egyptian youths became ephebi younger than Athenians, they may have also frequented the gymnasia at an earlier age.

44-6. Cf. 257. 12-15 and 1266. 25-9: in the latter case the praefect is mentioned as well as the local officials. This circumstance, coupled with the fact that the same epicrisis of $7^{2-3}$ is referred to in all three papyri, suggests that the epicrisis at Oxyrhynchus in that year, which coincides with the date of the returns made by Heraclides for Arsinoë in P. Stud. Pal. iv. 62 sqq., was not an ordinary epicrisis such as was held at Arsinoë every year after 54-5 for ка́тоєко. At Oxyrhynchus the earliest mention of an epicrisis is in 60-1 (257. 33), and P. M. Meyer (Heerwesen, 230) supposed that epicrisis of oi '́k rov̀ $\gamma v \mu$ rariou was not introduced before that year. By $94^{-5}$, the date of $\mathbf{2 5 7}$, it had evidently become annual. The origin of epicrisis is still obscure (cf. Wilcken, Grundz. 199-200), and that Plution was aged exactly 14 in $7^{2-3}$ is very doubtful, since his father was then over 60
 stated by P. M. Meyer, op. cit. 116) to 62 ; cf. 257. 12, n. Plution's son, Sarapion (cf. the list on p. 162), was, however, born probably in $85^{-6}$, since he was apparently aged $I_{4}$ in $99-100$ (1l. $57^{-8}$, n.), and a date approximating to A. D. $5^{8-9}$ is the most suitable for Plution's birth.

53. Пкойт(ós) ধotuv: the name is remarkable, and the omission of rov before it is not in accordance with 1. 4 and the usual practice. 257 and 1266 do not give a third name at
 simply $\epsilon \sigma \tau i \nu(1266.10) . \quad \beta$ can be read in place of $\kappa$ and $\lambda$ instead of $\alpha$, but there is nothing after $\pi$ to indicate that the writer meant $\pi(\rho \sigma \sigma) \kappa \lambda \eta \tau(o ́ s)$ or $\pi(\rho \rho \sigma) 3 \lambda \eta \tau\left(o{ }^{\prime} s\right)$, which would have to mean 'added ', and neither of those words is satisfactory in that sense.


 room available in 1.55 , and since $a d[\lambda]$ á cannot be read in 1.54 , an asyndeton seems likely. $\epsilon \phi[\eta] \beta(\omega \nu)$ is also inadmissible.
 lacuna having barely room for $\Delta$, if Tpauavov is right. This can hardly be doubted, for $\Delta[o \mu \nu \mid \tau a v o v ̀ c a n n o t ~ b e ~ r e a d, ~ a n d ~ \theta[\epsilon o \hat{v} \mid$ Títov would make the date of Sarapion's epicrisis, presumably at the age of 14, 80-1, which does not combine suitably with the dates of the epicrisis of his father Plution ( $72-3$ ) and his son ( $127-8$, certainly at the age of 14). On the other hand $99-100$ is just midway between $72-3$ and $127-8$, as is quite natural if Plution was not much over 14 in $72-3$; cf. 11. 44-6, n.

## 1453. Declaration of Temple Lamplighters.

$$
32.5 \times 13.5 \mathrm{~cm} . \quad 3^{0-29} \text { в.c. Plate II. }
$$

This declaration on oath, addressed by four lamplighters ( $\lambda v \chi$ vár $^{2} \tau a \iota$ ), two from each of the two principal temples of Oxyrhynchus (cf. 1449. int.), to the officials called oi $\dot{\epsilon} \pi i \tau \hat{\omega} \nu i \in \rho \hat{\omega} \nu(1.13, n$.$) , is especially noteworthy as being the$ earliest extant papyrus of the Roman period. The date in $11.29-30$ is for the most part lost, but the lamplighters undertook to provide oil ' from Thoth I to Mesore 5 of the present ist year of Caesar', as they had provided it up to the preceding 22nd and 7 th year (of Cleopatra and probably Antony; cf. 1. 22, n.), which, according to Porphyry ( $a p$. Euseb. i. 168), was the last year of her reign. Alexandria was captured on Aug. I, 30 B. C. (C. I. L. i. 327 ), and since the 23 rd year of Cleopatra is not attested (Svoronos is certainly wrong in assigning a series of Cypriote coins ranging from the 1st to 23 rd years without double dates to Cleopatra, instead of Ptolemy Auletes, to whom they are assigned by Poole and Regling), and the custom of starting a 2nd regnal year on Thoth y following an accession prevailed in Egypt after the third century B. C. (cf. P. Hibeh, App. i), it was not clear whether the and year of Augustus was reckoned from Aug. 3I, 30 B. C., or from Aug. 30,29 B.C. In the case of Hadrian, whose accession took place on Aug. II, 117 according to the Vita Hadr. 4, his 2nd year began on Aug. 29 of the same year, whereas the 2nd year of Tiberius, who acceded on Aug. 19, 14, began on Aug. 30, 15 (P. Brit. Mus. 276. 17, n.), the news of Augustus' death having evidently reached Egypt after Aug. 29, 14. 1453 is clearly inconsistent with the view that Augustus' ist year in Egypt consisted only of Aug. 1-30, and demonstrates that his 2nd year began in 29 B. C., as maintained by Wilcken (Ost. i. $786-7$ ) ; but a difficulty arises from the apparent inference to be drawn from 1. 20 that Mesore 5 (July 30, 29 B. C.) was the last day of the ist year. Probably there is an error of omission, for the
insertion of $\epsilon \pi a \gamma \sigma \mu \epsilon \dot{\nu} \omega \nu$ after $M \epsilon \sigma \circ \rho \eta$ renders the passage normal and parallel to e.g. 1116. I2. The choice of Mesore 5 could, however, be explained without any alteration of the text by connecting it with the statement of Dio li. Ig, that

 Wilcken (Hermes, xxx. 151 sqq., Ost.l.c.) connected this with the era of the крátךбєs Kaírapos found occasionally in papyri of Augustus' reign after his 30 th year, and perhaps indicated by the mentions of his 46 th year, which occur at least twice on coins, and are difficult on any other view to reconcile with the evidence pointing to the 43 rd year as the date of his death (Hohmann, Chronol. $5^{1}$, in discussing 721 overlooks the fact that the 44 th year of Augustus in that papyrus is $\epsilon i \sigma \iota \circ \nu)$. Owing to the agreement between the years of the к $\rho \alpha{ }^{\prime} \tau \eta \sigma \iota s$ Kaíapos and ordinary regnal years, especially in B. G. U. 174, written on Mesore 29 of the 36 th year according to both systems, Wilcken concluded that the reckoning in both cases began on Thoth I, $30 \mathrm{~B}, \mathrm{C}$., and if the reading $[\lambda] 5$, not $[\lambda] \epsilon$ or $[\lambda] \zeta$, in B. G. U. I74. 5 is certain, it seems impossible to make any distinction between them. Since we are unwilling to suppose that the ordinary regnal years of Augustus ended on any other day than Mesore Epagomenon 5, we prefer the insertion of $\bar{\epsilon} \pi a \gamma o \mu \epsilon v^{\prime} \omega \nu$ in 1 . 20, though the chronology of the beginning of Augustus' reign is not yet quite clear. Cleopatra is thought by Wilcken and Bouché-Leclercq to have outlived the beginning of her 23rd year (Aug. 31, $30 \mathrm{~B} . \mathrm{C}$.$) , and the introduction of the 6$ th intercalary day appears to date from 22 B. C. ; cf. Hohmann, op. cit. 48 sqq. In favour of the correction of 1.20 is the circumstance that the scribe of 1453 was in any case not very accurate, small omissions and other slips being frequent. Palacographically the papyrus is valuable as a dated specimen of first-century B. C. uncial writing, resembling that of 659 (Part iv, Plate iii, Pindar's Пap日ध́vє $\omega$ ) and Schubart, Pap. Graecae, Plate xi $a$ (Menander).

$$
\begin{aligned}
& 5 \text { i } \in \rho \rho\left[\hat{v} \sum \alpha \rho \alpha ́ \pi \iota\right] \text { ]os } \theta \in o \hat{v} \mu \in \gamma i \sigma \tau[o] v \text { каi [ }
\end{aligned}
$$

$$
\begin{aligned}
& \text { I० } \theta \epsilon \hat{\alpha} S ~ \mu \epsilon[\gamma i ́] \sigma \tau \eta S \text {, oi } \tau \epsilon \in \sigma \sigma \alpha \rho \in S \text {, ó } \mu[\nu] \text { úo- }
\end{aligned}
$$




Kvvoтo入єíтov $\epsilon \hat{i} \mu \grave{\eta} \nu \quad \pi \rho о \sigma \tau \alpha \tau \eta \dot{\eta}[\epsilon \iota \nu$









$\dot{\alpha} \lambda \lambda \eta \lambda \epsilon \nu \gamma \dot{v} \omega \nu \tau \hat{\omega} \nu \quad \pi \rho \circ \gamma \epsilon \gamma \rho \alpha \mu \mu \epsilon ́-$
${ }_{25} \nu \omega \nu, \tau \hat{\omega} \nu \dot{v} \pi \alpha \rho \chi o ́ \nu \tau \omega \nu \dot{\eta} \mu \epsilon i \nu \tau \alpha \alpha \nu-$

$\{\eta\} \sigma \epsilon \iota \nu \kappa \alpha\{l\} \tau \grave{\alpha} \tau \dot{\alpha} \pi \iota \gamma \epsilon \gamma \rho \alpha \mu \mu \epsilon \in \nu \alpha$. $\epsilon \dot{\nu}-$







35 ['Нраклєí]ठ $\eta$ о о $\mu \omega ́ \mu о к а$ каі̀ $\pi о[l] \eta$ [ $\sigma \omega$ каӨó]tı тро́кєєтац.





[кєıгаı. ]

'Copy of an oath. We, Thonis also called Patoiphis son of Thonis and Heraclides son of Totoës, both lamplighters of the temple of Sarapis, the most great god, and of the Isis-shrine there, and Paapis son of Thonis and Petosiris son of the aforesaid Patoiphis, both lamplighters of the temple of Thoëris, the most great goddess, at Oxyrhynchus, all four swear by Caesar, god and son of a god, to Heliodorus son of Heliodorus and Heliodorus son of Ptolemaeus, overseers of the temples in the Oxyrhynchite and Cynopolite nomes, that we will superintend the lamps of the above mentioned temples, as aforesaid, and will supply the proper oil for the daily lamps burning in the temples signified from Thoth I to Mesore (intercalary day ?) 5 of the present ist year of Caesar . . . in accordance with what was supplied up to the 22 nd which was the 7 th year; and we the aforesaid are mutually sureties and all our property is security for the performance of the duties herein written. If I observe the oath may it be well with me, but if I swear falsely, the reverse. The ist year of Caesar . . ' Copies of the signatures of the parties, those of Paapis and Petosiris being written by proxies.
I. ]. a: this is perhaps a number ( $\kappa a$ ? ), or possibly $\left.{ }^{\prime}\right] \gamma \delta(\dot{\sigma} \sigma \iota \mu \nu \nu)(c f .1548 . ~$ ı $)$, and may have been written in a different hand from that of the main text.
 nominative of this name ; cf. e.g. P. Grenf. ii. 18.
$\lambda \nu \chi \nu a ́ \pi t o \iota: ~ \lambda v \chi \nu a ́ \pi t a \iota$, the correct form, known only from Hesychius, cannot be read either here or in 1.8. Oil for $\lambda u \chi \nu a \psi i a$ was one of the chief items of expenditure in the accounts of the temple of Jupiter Capitolinus at Arsinoë (B. G. U. $362=$ W. Chrest. 96). In the Roman period it was often provided by gymnasiarchs (cf. P. Amh. 70. 10 ( $=\mathrm{W}$. Chrest. 149) and $1449.64-5, n_{0}$ ), who were also responsible for oil for $\lambda u \chi \nu a \psi i a(1413$. 19, n.).
6. 〈'İoiov: this subordinate shrine in or by the Serapeum of Oxyrhynchus is mentioned next after the Serapeum in 43. verso ii. 14.

 крáтopa last.


 since the Oxyrhynchite nome is here coupled for purposes of religious administration with the Cynopolite, as in 1449, where priests of temples situated in both nomes occur, the Aphroditopolis there may well have been the capital of the Aphroditopolite nome, which probably adjoined the south of the Heliopolite nome. The Oxyrhynchite and Cynopolite nomes were administered by one strategus in the second century b. c., as appears from a papyrus to be published in P. Tebt. iii.
19. $\Theta \omega \dot{v} \theta a$ : $\delta$ or $\lambda$ could be read instead of $a$, the bottom of the letter being lost; but Thoth 1, being new year's day, is so common in this connexion that there is hardly any doubt about the reading in spite of the difficulties discussed in int.; for even if people at Oxyrhynchus began dating by Augustus before Thoth I (Aug. 31), 30 b.c., which is improbable, it is very unlikely that 1453 was written before that day. The analogy of leases, which generally cover regnal years, and were usually written in Thoth, Phaophi, or Hathur (cf. Gentilli, Stud. ital. di Filol. xiii. 289), suggests one of those three months as the most probable supplement of the lacuna in 11. 29-30, which is of quite uncertain length, since the blank space before avi ${ }^{\prime} \gamma \rho[a(\phi \circ \nu)]$ may have extended to the beginning of 1.30 .
20. M $\epsilon \sigma o \rho \dot{\eta} \epsilon$ : cf. int. M $\epsilon \sigma o \rho \eta[[]]$ could be read, but there was probably a short blank space between Mєбopí and the number, as in l. 19 between $\Theta \omega \dot{v} \theta$ and the number. The
reading $\mathrm{M} \epsilon \sigma \circ \rho \grave{\eta}[\iota]$ is in any case most improbable, the line above the figure being no longer than that above the single figure in l. 19, and Mesore 15 being inexplicable as the last day of the year. Of the $\epsilon$ only the top survives, coming above the line like e.g. the first $\epsilon$ of $\kappa \in \chi \omega \rho \eta \gamma \eta \mu$ évos in l. 23, a circumstance which renders $\gamma$ or 5 , the only possible alternatives, much less satisfactory readings.
21. The word following Kaíaapos was probably an adverb (àv[unc]p[ $\theta$ '́tcs $]$ ), not Ai$[$ roк $] \rho[$ íropos $]$, which is not very often used in mentioning Augustus and never occurs in date formulae of his reign (cf. e.g. ll. 29-30, where there is no room for it). Moreover, the vestige of the second letter suits $\nu$ but not $v$, the tail of the $\rho$ of pos ought to have been visible, and [aropos] is rather too long for the lacuna.
22. к $\beta$ тоиิ каi $\zeta$ (ĕтous): cf. int. and P. Ryl. 69 ( 18 th and 3 rd year). The nature of the second reckoning is disputed, Bouché-Leclercq and Svoronos referring it to Antony, Mommsen to a second reckoning of Cleopatra, Strack to Caesarion. The recent discovery. by Lefebvre of an inscription (Mélanges Holleaux) dated in the IIth year of the joint reign of Cleopatra and Caesarion confirms Porphyry's statement that from the 8th to the 15 th year only one reckoning was employed, but from the 16 th to the 22 nd two, thus disposing of Dittenberger's restoration '̈́rous 七 то仑 каì $\beta$ in Or. Gr. Inscr. i. 194, and rendering the reading ' 12 ' much more probable than ' 16 ' (either number can be read according to Spiegelberg) in the figures of the regnal year of Cleopatra and Caesarion in P. Cairo dem. 31232. Strack's view fails to account for the introduction of a new system in the 16 th year, and the numismatic evidence strongly favours the reference to Antony.
${ }^{2} 3-7$. $\partial \nu \tau \omega \nu \dot{\eta} \mu \hat{\omega} \nu \kappa \tau \lambda$. : the construction is difficult, and would be improved either by the insertion of $\bar{\epsilon} \kappa$ before $\tau \hat{\omega} \nu$ in l. 25 and the omission of $\ddot{\delta \nu \tau \omega \nu}$ in l. 26 , or, preferably, by the insertion of something like катохíн $\nu$ or $\bar{\epsilon} \nu$ катох $\hat{\eta}$ after $\overline{o \nu \tau \omega \nu}$, and alteration of $\tau \hat{v}$ to $\tau \varphi$ in l. 26. Probably the space left in l. 26 after oz $\nu \tau \omega \nu$ indicates something in the original which the copyist could not read.

29-30. There need not be any letters lost in 1.29 after Kaifapos, but there is room for e.g. $[\Theta \dot{\omega} \theta \mid$ or $\Phi a \hat{\omega} \mid \phi \iota$. Part of l. 30 may have been blank; cf. 1. 19, n.
38. Тотоєùt[os: cf. 1. 4, n.
1454. Declaration of Municipal Bakers.

On the recto of this papyrus is 1434 . The verso contains the concluding column of an undertaking (or of the signatures to an undertaking) by bakers, addressed to officials of some kind, concerning the manufacture and sale of bread, partly from wheat supplied to them by an agoranomus (1. 8). Arrangements were made for the quality and weight of the loaves, the transfer of the price, and the commission to be received by the bakers for their trouble. Concerning the municipal supply of bread in the Roman period in Egypt very little was known; cf. Jouguet, Vie munic. 324-7, Wilcken, Grundz. 365-6. The only other papyrus which throws much light on the subject is 808, a contract between eutheniarchs in 199 for the grinding of wheat for bread. There is no evidence at present of the existence of distinct officials of this name so early as the reign of Trajan, to which 1454 belongs;
but after A.D. I50 the title $\dot{o} \dot{\epsilon} \pi i \quad \tau \hat{\eta} s ~ \epsilon \dot{v} \theta \eta \nu i a s ~ o c c u r s ~ a t ~ A l e x a n d r i a ~ e i t h e r ~$ alone (Dittenberger, Or. Gr. Inscr. 705) or combined with that of agoranomus (B. G.U. 578.9 ), and in the nome-capitals combined with the office of exegetes (P. Tebt. 397. 18) or cosmetes (P. Flor. 57. 75) ; cf. 1412. I-3, n. Hence 1454 is more likely to have been addressed to a board of officials, perhaps including, besides local á $\rho \chi 0 \nu \tau \epsilon \varsigma$, the strategus, who in second-century papyri (cf. 1455. int.) is found managing ajopai, than to agoranomi or eutheniarchs alone. It is presumably a copy or draft of the original, being written in a large, somewhat irregular hand with a thick pen.

[ท̈ ő ö


 коттou ( $\rho \gamma$ ? ?)ías
 $\pi \alpha \rho \epsilon i \lambda \eta \dot{\eta} \phi \alpha \mu \epsilon \nu$
 $\mu^{\prime} \tau \rho \underset{\iota}{ } \delta \eta \mu \sigma \sigma i ́ \omega$



 $\Phi \alpha \hat{\omega} \phi \iota \lambda$.
5. ov of aptov corr. 8. $\epsilon \nu \tau \rho \iota \sigma \iota$ above $\epsilon \nu$ deleted.
' . . . we will expose it for sale with the customary sellers either here or wherever we are ordered to expose it (?), and will restore you the price and provide for you loaves which are baked, prepared, acceptable, . . . , each weighing 2 pounds, 30 loaves being reckoned to each artaba, and we are to receive for selling and making the flour and all expenses ro obols for each artaba; likewise also with regard to the 856 artabae by the public.... measure which we have received from . . . , agoranomus in office, at Oxyrhynchus in three instalments, we will make them into flour and manufacture loaves whenever we are ordered to do so, and expose them for sale with the customary sellers, as aforesaid ; and we consent to all the above-mentioned stipulations. The 2oth year of the Emperor Caesar Nerva Trajanus Augustus Germanicus Dacicus Parthicus, Phaophi 30.'

1. Apparently not àvtiypa(фov).



$4-5$ ．＂̈provs is probably to be supplied in the initial lacuna of one of these two lines ； but кат⿳亠口冋a $\mu \bar{\eta} v a$ or an adverb may have occurred at the beginning of 1.4 ，and the construction of 1.5 ，where there has been a correction，is obscure．The alteration of $\lambda$ eitpas to $\lambda_{\iota \tau \rho} \bar{\omega} \nu$
 description of the loaves seems to refer to the bread in general，not to a present for the officials，though e．g．є́кatóv might be read in 1．5．But if $\left.\kappa a \theta^{\prime}\right] \tilde{\epsilon}[\kappa a \sigma \tau] o \nu$ is right，the pre－ ceding word is likely to have been another adjective，or a participle in the nominative． For òntoús cf．Hdt．ii． 92 äprous ò $\pi \tau o u ̀ s \pi \nu \rho i: ~ \dot{v} \mu[i \nu]$ коттои́s（cf．l．6，n．）is unsuitable．


6．$\quad$ a $[\rho \tau] \omega(\nu) \lambda$（ $\mu$ is a less satisfactory reading）is expected at this point， 30 pairs（ $\zeta \epsilon \dot{\prime} \gamma \eta$ ） of loaves being reckoned as 2 artabae（i．e． 30 loaves to 1 art．，as here）in P．Brit．Mus． 18. 22 （i．22）；cf．Wilcken，Ost．i．755．$\zeta[\epsilon v] \gamma(\hat{\omega} \nu)$ and $\chi[o l] \nu(i \kappa \omega \nu)$ are much less suitable readings， and，though an artaba of 30 choenices is known from P．Rev．Laws xxxix．2，the particular kind of artaba meant here had probably been already indicated；cf．ll．8－9 where a fresh number of artabae is stated to be $\mu \dot{\epsilon} \tau \rho \varphi \delta \eta \mu \sigma \sigma i \varphi$.

 cf．Wilcken，Archiv，v． 253.

колтои $\rho \boldsymbol{\rho}$ 论ias：this word is new，but seems appropriate to the context；cf． ả̀ $\lambda \cup \rho о \pi о \stackrel{\eta}{\sigma} \sigma \mu \epsilon \nu$ in 1.9 and коттápıa meaning cakes of some kind in P．Goodsp． 30 ．xlii． 5 ． коптол（oi）ias does not suit the traces of the sixth letter so well，and to read ontrov〈 $\rho \gamma\rangle$ ） ojntom $\langle o t$ ias（cf．ontroús in l．4），and suppose that the initial o was corrected from $\omega$ ，is also unsatisfactory，ко here being written small，as in $\Delta$ акıкой in l． 12.

8．Jas：Jos or $]<\langle 0\rangle s$ might be read．to îs évápx（oıs）à aopavó $\mu(o \iota s)$ is unlikely．
9．Before（ápráßas）an abbreviation of $\dot{\eta} \mu$ артаßị is not unlikely ；cf．1472．19．The word in any case probably agreed with $\mu \dot{\epsilon} \tau \rho \varphi$ ．$\pi v \rho o \hat{v}$ ，if mentioned again（it must have occurred in connexion with the artabae to which ll． $2-7$ refer），ought to have preceded $\mu$＇́t $\rho \varphi$ ．

## 1455．Declaration of an Oil－SEller．

$$
2 \mathrm{I} .8 \times 9.1 \mathrm{~cm}
$$

A．D． 275 ．
A declaration on oath，addressed probably to a strategus，by an oil－seller of Oxyrhynchus，who undertook to sell fine oil（l．IO，n．）in the public market and to provide a surety．83，a similar declaration to a logistes fifty－two years later by an egg－seller，differs by containing no mention of a surety and a more precise prohibition of any secret sale；B．G．U． 92,649 ，and 730 are parallel declarations to the strategus of the Pharbaethite nome in the second century by owners of pigs，and several bonds of sureties for the performance of duties by dealers in supplies are extant in P．Brit．Mus． 974 （iii．II5；кap－ $\pi \omega ́ v \eta s$ at Hermopolis，A．D．305－6）and Strassb．46－5I（butchers of various kinds at Antinoöpolis，A．D．566）；cf．also 1454．int．and the monthly reports of various guilds to the logistes in 85 and P．S．I．202．The date of the papyrus， Phaophi 21 （Oct． 19 in 275）of the 7 th year of Aurelian，is very important for the
chronology of that reign, being inconsistent with the scheme proposed by Preisigke, which allowed Aurelian only part of a 6 th year as his last; cf. 1476. int.

#  $\alpha u ̛ \tau \omega ิ \nu \mu \grave{\eta}$ єiठóт $\omega \nu \quad \gamma p[\alpha ́ \mu \mu \alpha \tau \alpha$. <br>  <br> $35[\sigma \epsilon] \sigma \eta \mu[\epsilon \epsilon \omega \mu \alpha \iota$ ? 

 29. avpךдios corr. from $\sigma a \rho a \pi a \mu$.
'To Aurelius . . . , strategus of the Oxyrhynchite nome, from Aurelius Theodorus son of Horion son of Thonis, his mother being . . ., of the illustrious and most illustrious city of Oxyrhynchus, seller of fine oil. I swear by the fortune of our lord Aurelianus Augustus that I will provide daily in the factory which I possess in the market-place fine oil for sale and service of the city, so that no fraud may ensue, under penalty of being liable to the consequences of the oath; and I have provided as my surety Aurelius Sarapammon son of Saprion and Thaësis, of the said city, who is present and gives his consent. The 7th year of the Emperor Caesar Lucius Domitius Aurelianus Germanicus Maximus Persicus Maximus Gothicus Maximus Carpicus Maximus Pius Felix Augustus, Phaophi 2 I.' Signatures of Theodorus and his surety, written by Aurelius Silvanus, and of another Aurelius.




34-5. If $[\sigma \epsilon] \sigma \eta \mu[\epsilon i \omega \mu a \iota$ (or $\sigma \epsilon] \mid \sigma \eta \mu$.) is right, these lines presumably contained the signature of the strategus (cf. int.). The only known strategus of this reign at Oxyrhynchus

 this context.

## 1456. Declaration concerning Appearance in Court.

$$
9.7 \times 8.6 \mathrm{~cm} . \quad \text { A. D. } 284^{-6}
$$

A declaration on oath, addressed to a strategus by a citizen of Oxyrhynchus, undertaking to appear at the session of the praefect's court about to be held at the city or in the nome (cf. 1. 9, n.). The grounds of the action, which was directed against certain comarchs, were being stated when the papyrus breaks off. The date of 1456 is fixed within the period Oct. 284 -March 286 by the mentions of Diocletian without Maximian, and of the strategus, who is known from other papyri (l. I, n.). The praefect, M. Aurelius Diogenes, who was probably identical with Diogenes, a high official mentioned in P. Cairo 10531 ( 3 rd-4th cent.), seems to have held office between Pomponius Januarianus and Flavius Valerius Pompeianus (ll. 1, 8, nn.). Similar declarations are 260 (M. Chrest. 74), 1195, 1258, B. G. U. 891. recto, P. Leipzig 52-3, Hamb. 4; cf. Wenger, Rechtshist. Papyrusstud. 61 sqq.

 $[\alpha ̉] \pi o ̀ ~ \tau \eta ̂ s ~ \lambda \alpha \mu \pi \rho \alpha ̂ s ~ к \alpha i ~ \lambda \alpha \mu \pi \rho о т a ́ \tau \eta s ~ ' O \xi v \rho v \nu-$ $[\chi] \epsilon \iota \tau \omega \bar{\nu} \pi o ́ \lambda \epsilon \omega s$. ó $\mu \nu v ́ \omega$ т $\eta \nu$ тоv̂ кvрíou
5 [ $\eta \mu] \hat{\omega \nu}$ Taíou OỦa入єрíou $\Delta \iota о к \lambda \eta \tau \iota \alpha \nu о \hat{v}$
[Kaí]бароs $\sum^{\prime} \in \beta \alpha \sigma \tau o u ̂ ~ \tau u ́ \chi \eta \nu ~ \epsilon ’ \mu \phi \alpha \nu \eta ̂ ~ \epsilon ́ \mu \alpha u-~$




$[\sigma] \alpha \sigma \theta \alpha \iota$ '́ $\pi$ ' $\alpha$ úroû $\pi \rho o ̀ s ~ \tau o u ̀ s ~ a ̀ \pi o ̀ ~ \tau o v ̂ ~ \nu о \mu о \hat{u}$


2. ̧oï入as IT. Io. First $\epsilon$ of agtuरetroveı corr. from ८.
' To Aurelius Philiarchus also called Horion, strategus of the Oxyrhynchite nome, from Aurelius Zorlas son of Theogenes and Tauris, of the illustrious and most illustrious city of Oxyrhynchus. I swear by the fortune of our lord Gaius Valerius Diocletianus Caesar Augustus that I will present myself before our most eminent praefect, Marcus Aurelius Diogenes, when he auspiciously visits this place or the neighbouring nome, and will bring an action in his court against the comarchs from the nome now (?) present . . . on account of the . . . which they wrongly . . .'

1. This strategus also occurs in 1260. I (where 1. $\Phi \iota \lambda \iota a \rho \chi \omega$ for $\Phi \iota \lambda i \pi \pi \omega$ : Pauni 18 of the and year of Diocletian and rst of Maximian, i.e. June 12,286 ), P. S. İ. 162 . I (2nd and ist year, month lost), and 1115. i (Pachon 26, i.e. May 21, of the 2 nd year of an unnamed Emperor). In the last mentioned papyrus the praefect in office was Pomponius Januarianus, who is also to be recognized in P. Thead. 18. 3, where 1. Пo $\mu \pi[\omega]$ vi $\varphi\left[{ }^{\prime} \mathrm{I}\right] \operatorname{avov}[a \rho \iota a \nu] \dot{\varphi}$, the year being the $2 n d$ of a reign (l. 19), and the months Hathur and perhaps Mecheir occurring (the date in 1.22 is mainly undeciphered). A different praefect is found in 1456. 8, and in the 2nd year of Diocletian (A.D. 285-6) the elevation of Maximian to the rank of Augustus was known in Middle Egypt on Pharmouthi 5 ( = March 3 r ; B. G. U. rogo. 36) and Pachon 29 (=May 24 ; B. G.U.922.2), so that it must have taken place somewhat earlier than Apill r, the date assigned to it by Idatius. Hence both 1115, which on other grounds appeared to belong to the reign following that of Probus (cf. int.), and P. Thead. 88 are to be assigned to the 2nd year of Carinus and Numerianus (i.e. 28.3-4) rather than to the 2nd of Diocletian (285-6), and Aurelius Philiarchus' tenure of office lasted from Nay 2I, 284, to June 12, 286. On Sept. 19, 287, the strategus was Apollonius, as is shown by a papyrus to be published in Part xiii. The accession of Diocletian took place in the autumn of 284, Carinus and Numerianus having entered on their third year in Egypt, as is shown by coins ; cf. 1476. int. The date of 1456, which ignores Maximian in ll. 4 sqq., is thus limited to the period between Oct. 284 and March 286, and M. Aurelius

Diogenes (1.8) was probably the immediate successor of Pomponius Januarianus and predecessor of Flavius Valerius Pompeianus (cf. 1416. 29, n.).
 280 (1191. 4), who was apparently succeeded by Pomponius Januarianus (cf. l. I, n.).
9. $\dot{\epsilon} \nu \theta \dot{d} \delta \dot{\epsilon}$ : i.e. at Oxyrhynchus. In the Roman period the conventus of the praefect for cases concerning the Heptanomia and Thebaid was usually held at Memphis (705. 6-7; cf. Wilcken, Archiv, iv. 366 sqq.); but he probably held courts at various points of Middle and Upper Egypt more frequently than is allowed by Wilcken; cf. P. Ryl. 74. int.
10. $\dot{a} \sigma \tau v \gamma \epsilon i \tau \omega v \nu^{\prime} \boldsymbol{o}^{\prime}$ (i.e. the Oxyrhynchite nome) is a novel expression in papyri.
 read as an accusative ending in $s$, and $[\hat{\epsilon}] \nu \in \operatorname{co} \delta \hat{\delta}(c f . l .9)$ is also inadmissible.
$\kappa \omega \mu \dot{\rho} \rho \chi$ as : or $\kappa \omega \mu a \dot{\rho} \chi[0]$ us. There might be another letter or two at the end of the line, and e.g. $\epsilon \pi \iota \tau \eta \mid\left[\rho \dot{\eta} \sigma \epsilon \omega_{s}\right.$ is possible. $\dot{\epsilon} \nu \kappa \epsilon\left[[\kappa \lambda \eta \mu \epsilon \in \nu v]_{s}\right.$ (or $\dot{\epsilon}^{\prime} \gamma \kappa$.) is unsatisfactory, though a participle is not unlikely.

## 1457. Registration of Asses.

$$
16 \times 8.4 \mathrm{~cm}
$$

4-3 в.с.
A return addressed to the farmers of the six-drachmae tax upon asses by a citizen of Oxyrhynchus, who registers two asses for the current year. This impost has previously occurred only in 1438. 19, but is clearly identical with the $\epsilon i \delta(o s)$ öv $\nu \nu$ in an unpublished Strassburg papyrus of A. D. 119-20 mentioned by Wilcken, Grundz. 205, which is also an àmoyoaфń to taxfarmers. It is remarkable that 1457 and that papyrus are the only $\mathfrak{a} \pi o \gamma \rho a \phi a i$ of asses which are known, although returns of camels, sheep, and goats are numerous (cf. Wilcken, l.c., and 1458), being addressed, unlike 1457, to the strategus and basilicogrammateus. For a return of a different character addressed to a tax-farmer cf. 262, a notification of death sent to an $\dot{\epsilon} \kappa \lambda \dot{\eta} \pi \tau \omega \rho$ $\gamma \epsilon \rho \delta \iota a \kappa o v$. . The known imposts connected with asses are (I) a licence called the $\delta i \pi \lambda \omega \mu a$ oov $\nu \omega$, which appears in B. G. U. 213 (A.D. II2), and for which 8 drachmae were paid annually on one ass, as in the case of the $\delta i \pi \lambda \omega \mu a \quad i \pi \pi \omega \nu$ 8 dr. 8 obols annually on each horse (cf. P. Hamb. 9. int.); (2) a tax of 4 drachmae per ass levied on purchasers (P. Hamb. 33, A. D. $150-200$; cf.

 A. D. 144) ; (3) $\tau^{\prime} \lambda \lambda \cos \dot{o} \eta \eta \lambda(a \tau \hat{\omega} v$ ?), for which 2 dr. I obol. are paid in one case, but much larger sums ( 75 dr . and I 50 dr .) when $\dot{\operatorname{o}} \nu \eta \lambda(a \tau \omega \hat{\omega})$ is coupled with $\grave{\alpha} \mu a \xi(\hat{\omega} \nu)$; cf. Wilcken, Ost. i. 272) ; (4) $\pi \epsilon \nu \theta \dot{\eta} \mu \in \rho \rho$ oò ö $\nu \omega \nu$, for which 8 dr. were paid in P. Ryl. 195. 5 (cf. 1409. 20, n.). All four seem to be distinct from each other, and though the $\dot{\varepsilon} \xi \alpha \delta \rho a \chi \mu i a$ is possibly identical with the $\delta i \pi \lambda \omega \mu a$, the sum found in 1438. 19 ( 5 dr . I ob.) does not accord with that in B. G. U. 213 .
’Арі́бтши каì Пто入[ $[\mu \alpha i ́ \omega$
тoîs $\bar{\epsilon} \xi \in \iota \lambda \eta \phi o ́ \sigma \iota ~ \tau \eta ̀ \nu \quad$ é $\xi \alpha \delta \rho \alpha-$
$\chi \mu \eta \not \alpha \nu \tau \hat{\omega} \nu$ oै $\nu \omega \nu$
$\pi \alpha \rho \alpha ̀ ~ \Theta o \omega ́ \nu l(0) s ~ \tau o v ̂ ~ \Theta \omega ́ \nu l o s . ~$
 $\sigma \tau \eta \kappa \grave{s} \kappa \xi$ (ढ̆тоs) Kaíซapos

$\theta_{\eta} \lambda \eta \dot{\eta} \alpha s$ dío $\lambda \in[$ [úóxpoas
$\hat{\epsilon} \nu \quad \tau \hat{\eta} \quad \dot{v} \pi \alpha \rho \chi \circ v \sigma \sigma \quad \mu\left[\begin{array}{lll}{[0 l} & 0\end{array}\right] \hat{i}-$
10 кía ধ́ $\pi i$ ì $\tau 0 \hat{u} \pi \rho o ̀ s ~ ' O \xi u \rho u ́ \gamma . ~$
$\chi^{\omega \nu} \pi o ́ \lambda \epsilon \epsilon \Sigma \alpha \rho \alpha \pi \iota \eta \eta_{0 \nu} \alpha$ àò


${ }_{14}$ єu่ $\tau v \chi \in i ̄ \epsilon$.
2nd hand $\sigma \epsilon \sigma \eta \mu \epsilon \dot{\epsilon} \omega \tau \alpha l$. [

2. $r$ of $\tau \eta \nu$ corr. 4. $5 \tau$ of $\theta o \omega \nu \iota s ~ t o v ~ c o r r . ~ f r o m ~ o s . ~ 7 . ~ 1 . ~ \tau a ̀ s ~ i ́ \pi a \rho \chi o u ́ r a s . ~$
' To Ariston and Ptolemaeus, farmers of the six-drachmae tax upon asses, from Thoönis son of Thonis. I register for the present 27 th year of Caesar the two lightcoloured female asses which belong to me at the house belonging to me at the Serapeum at Oxyrhynchus on the south of the Square, and are employed upon my own work. Farewell. Signed. The 27 th year of Caesar, Tubi . .'
 which occurs in a sale of an ass to be published in Part xiii.
 Serapeum ; cf. 1105. 7.



## 1458. Registration of Sheep and, Goats.

$$
14.9 \times 13.1 \mathrm{~cm} . \quad \text { A D. } 216-\mathrm{I} 7
$$

The chief interest of this return of sheep and goats addressed to a basilicogrammateus lies in the fact that the papyrus was written in the Athribite nome (in the south of the Delta), like 500. The formula differs a little from those of the second-century Oxyrhynchite (74), Hermopolite (P. Amh. 73), and Arsinoitc (B. G. U. 133) parallels, and the third-century Heracleopolite one (Hartel, Gr. Pap. Erz. Rain. 74), which is also addressed to a basilicogrammateus, the others, as well as 245-8 (first century), having been sent to a strategus (каi ois каӨj́кєь in 74). The papyrus is joined to a similar but fragmentary return by a woman Aurelia Ammonia (?) also called Heraclea, the ends of both documents being lost. They had been glued together as part of a series, and apparently brought to Oxyrhynchus, before the verso was used for writing a list of abstracts of contracts concerning land. The proper


N $\epsilon \iota \alpha \dot{v}[$ [opos (or [ $\delta \rho \rho o v$ ) $\kappa \lambda \bar{\eta} \rho]$ ]ov occur ; but the lines, of which parts of ten survive, were very broad, and no connected sense is obtainable.


```
    Aü\rho\etá\lambda\iotaos Ai\[ov]\rhoí\omega\nu \epsiloǹva\rho-
    Xos к[o\sigma]\mu\eta\tau\etaेs \betaov\lambda(\epsilonv\tau\etaेs) \tau\eta\s
    'A0\rho\iota\beta\iota\tau\omegaि\nu \pió\lambda\\epsilon\omegaS, \pi\rhoì\nu \delta[\े
    5 \tauv\chii\nu \tau\hat{\eta}\mp@subsup{}{}{`}\mp@subsup{}{}{`}P\omega\mu\alphai\omega
    as Ai\lambdaoupí\omega\nu Z\omegaí\lambdaov N\epsilon[0-
    кó\sigma\mu[0s] ò к\alphaà 'A\lambda0\alpha\iota\epsilonús. वं\pi[\epsilon-
```



```
    \tau\eta\rho \mu\eta\tau\rhoо\pió\lambda\epsilon\epsilons \pi\rho[ó\beta(\alpha\tau\alpha) \xi,
10 [\alpha']}]\rho\rho(\epsilon\nu\alpha)}, ө\eta\lambda(v\kappa\grave{\alpha})\lambda[.
    [\alphai]}]\gamma\alpha a, v́\piотi0(l\alpha) к[.,
    \kappa\alpha (}\mp@subsup{}{\epsilon}{\tau}\tau\ell)\pi\rhoó\beta(\alpha\tau\alpha) \iota0, \alphaî\gamma\alpha \alpha
    /\pi\rhoó\beta(\alpha\tau\alpha) \grave{́}\beta\deltaо\mu\etáко\nu\tau[\alpha
    \epsiloṅ\nu\nu\epsilońલ, \alphai`\gamma\epsilons \deltaóo,
```




```
    \delta\iota\epsilon\phi0\alphá\rho\eta \pi\rhoó\beta(\alpha\tau\alpha) \ddot{\alpha}\rho[\rho](\epsilon\nu\alpha) [.,
    [0\eta]\(vk\grave{\alpha})!\alpha, [ Io letters
```

'To Aurelius . . ., basilicogrammateus of the Athribite nome, from Aurelius Aelurion, cosmetes in office and senator of Athribis, before he received Roman citizenship called Aelurion son of Zoillus, of the Neocosmian tribe and Althaean deme. I registered in the past 24 th year at the metropolis 60 sheep, 7 male, $3[\cdot]$ female, 1 goat, $2[$.$] lambs, in the$ 21 st year 19 sheep, 1 goat, total 79 sheep, 2 goats, of which 16 are male, 63 female, 2 goats. Out of these there have perished . . male, in female . . .'

4-5. $\pi \rho i \nu \nu \grave{̀} \kappa \tau \lambda$. : cf. e. g. B. G. U. 107 I. 5.
6-7. Ne[o]kó $\sigma \mu[0 s]$ o кaì 'A $\lambda \theta a t \epsilon u ́ s$ : the Neocosmian tribe at Alexandria is known from P. Flor. 92. 1, Hamb. 32. 4, but the combination with the well-known Althaean deme is new.
11. ínori $\theta($ (a) : this spelling also occurs in the other return (cf. int.) and B. G. U. 629. 14, \&c.
12. ка ( $(\ddot{\epsilon} \tau \epsilon)$ : $\kappa є$ or $\kappa \gamma$ cannot be read. There is no corresponding entry in the parallel returns from other nomes. As the reports were, so far as is known, sent in annually, the interval of three years between the dates in ll. 8 and i2 is somewhat remarkable.
1459. Return of Unwatered Land.

This return sent to a basilicogrammateus by a veteran concerning his land, which had not been reached by the inundation and was dry ( $\left.{ }^{*} \beta \rho o \chi o s\right)$ or artificially irrigated ( $\dot{\epsilon} \pi \eta \nu \tau \lambda \eta \mu \in ́ v \eta$ ), is similar to 1113,1549 , and an Apollinopolite and several Arsinoïte papyri (P. Hamb. II. int.). Part of the land was $\beta a \sigma \iota-$ $\lambda_{\iota k} \eta$ (ll. 12, $3^{6}$ ) ; the rest, which was taxed at the usual rates of I or $\mathrm{I} \frac{1}{2}$ artabae per arura (cf. l. II, n.), was apparently к $\lambda \eta \rho o v \chi \iota \kappa \eta$ which had passed into private ownership, and may have been a grant to the veteran from the State (cf. P. Giessen 60. int.). The names of the lessees (or in the case of $\beta a \sigma \iota \lambda \iota \kappa \grave{\eta} \gamma \hat{\eta}$ the sub-lessees) form a lengthy list, the property being situated mainly near Palosis, but partly near two other villages in the Thmoisepho toparchy. These returns were probably made not annually, but when there was a low Nile (cf. Eger, Grundbuchwesen, 188, Lewald, Grundbuchrecht, 79, 1113. i. I4, n.) ; the orders in the present case are attributed to unnamed praefects and an ex-epistrategus, whereas in the other instances they were issued by a praefect or procurator usiacus.


```
        [ ] \gamma\rho\alpha\mu\mu\alpha\tau\epsilonî 'O\xiv\rhov\gammaХєí\tauov
    \pi\alpha\rho\grave{\alpha} 'Iov\lambdaíov '\Omega\rhoí\omega\nuos ov̇\epsilon\tau\rho\alpha\nuov̂ \tau\hat{\omega}\nu
    \epsilon}\nu\tau\epsiloní\mu\omegas \alphá\piо\lambda\epsilon\lambdav\mu'́\nu\omega\nu. वं\piо\gamma\rhoá(\phiо\mu\alpha\iota
5 \pi\rhoòs \tauò \epsilonُ\nu\epsilon\sigmar(òs) \epsilon ('Єтоs) Má\rhoкоv Aú\rho\eta\lambdaíou \Sigma'єou\etá\rhoov
    'A\lambda\epsilon\xi{́\nu\delta\rhoov K\alphaí\sigma\alpha\rhoos \tauô кv\rhoíov к[\alpha]\tau\alphà \tau\grave{\alpha} к\epsilon-
```



```
    \pi\alpháт\rhoо\nu '́\pi\iota\sigma\tau\rho\alpha\tau\eta\gamma\etá\sigma\alpha\nu\tauos \grave{\eta}\nu}\mp@subsup{}{\epsilon}{\epsilon}\chi\omega\mp@code{\alpha}\beta\rhoo
    \chi[o\nu] к\alphai \epsiloń }\pi\eta\nu\tau\lambda(\eta\mu\epsiloń\nu\nu\eta\nu)\pi\epsilon\rhoi кю́\mu\eta\nu \Piू\lambda\lambda\hat{\omega-
```



```
    \epsilonis П\epsiloń\tau\sigmaє\iota\rho\iota\nu 'H\rhoак\lambda\etáоv а (\alphá\rho\tau\alphá\beta\etas) \alpha'\beta\rhoó\chi(ov) (\alphá\rhoоúраs) \beta\delta',
```



```
    \alpha}\beta\rho[ó\chi(ov) (\alpha,\alphaov́.) . ., к\alphai \epsiloń]кк [\tau(ov) I 3 letters ]. [. .
    \nu\alpha \Pi![. . . . . .] . . [.] . [.] \alpha'\beta\rhoó\chi(ov) (a้\rhoov.) \alpha, каi \epsilońк тоv̂
```




```
    \Pi[ 14 letters ].[.] \alpha\beta\rhoó\chi(ov) (\alphá\rhooú.) <\xi'`[\mp@subsup{\delta}{}{\prime},]
```







$\sum \alpha \rho \alpha \pi \iota \alpha ́ \delta \eta \nu$ ' $A \mu \mu \omega \nu i ́ o v \alpha<\kappa \alpha i ̀ \alpha(\dot{\alpha} \rho \tau$.$) à \beta$ рó-



$\kappa \alpha i$ '́кк $\tau(o \hat{u}) \alpha(\dot{u} \tau \circ \hat{v})$ єis $\Theta \epsilon \rho \mu о u ́ \theta \iota o \nu ~ ' A \rho \iota \sigma \tau \alpha ́ \nu \delta \rho o v ~ a L ~$









Eủ $\sigma \in \beta o u ̂ s$ EủvuXoûs $\Sigma_{\epsilon} \in \alpha \sigma \tau[0] \hat{v} \quad \Phi \alpha \mu \epsilon \nu \omega \theta$ !.
2nd hand 'Ioúl८(o)>s ' $\Omega \rho i \omega \nu$ '̇ $\pi \iota \delta \epsilon ́ \delta \omega \kappa \alpha$.
On the verso traces of an address (?).


#### Abstract

'To Aurelius Nemesion also called Dionysius, basilicogrammateus of the Oxyrhynchite nome, from Julius Horion, an honourably discharged veteran. I register for the present $5^{\text {th }}$ year of Marcus Aurelius Severus Alexander Caesar the lord in accordance with the commands both of praefects and of Julius Sopater, ex-epistrategus, the unwatered and irrigated land which I own: in the area of the village of Palosis in the holding of Andron with that of Menestheus, entered to Petsiris son of Heracleüs, rated at I artaba, unwatered. $2 \frac{1}{4}$ arurae ; and in the same holding, entered to Heracleüs son of Petsiris, Crown-land unv., . . aru. ; and in the holding of .... entered to . . ., unw., I aru.; and in the same holding, entered to . . . son of Panechotes, rated at $1 \frac{1}{2}$ artabae, unw.,.. aru.; and in the remainder of Menestheus' holding, entered to . ..., unw., $\frac{33}{64}$ aru.; and in the same holding, entered to . . . son of Alexander, rated at I art., unw., . . aru. ; and in the holding of . . ., entered to Thatres daughter of Pausiris, rated at I art., unw., . . aru.; and in the same holding, entered to Sarapiades son of Ammonius, rated at (? $?$ ) art., unw., 3 aru.; and in the remainder of Menestheus' holding, entered to Thatres daughter of Aristander, rated at I art., unv., $\frac{1}{2}$ aru.; and in the same holding, entered to Sarapiades son of Ammonius, rated at $1 \frac{1}{2}$ and I art., unw., $5 \frac{1}{3}$ aru. ; and in the same holding, entered to Petsiris son of Panechotes, rated at $1 \frac{1}{2}$ art., unw., $\frac{7}{16}$ aru. ; and in the same holding, entered to Petsiris son of Pausiris,


rated at I art., unw., $\frac{3}{8}$ aru. ; and in the same holding, entered to Thermouthion daughter of Aristander, rated at $1 \frac{1}{2}$ art., unw., $1 \frac{2}{3}$ aru. ; and in the remainder of Menestheus' holding, entered to M. Petronius Priscus, rated at I art., unw., $2 \frac{1}{2}$ arn. ; and in the area of Nicostratou farmstead in the holding of Ptolemaeus and Philippus, entered to Petsiris son of Heracleüs, rated at I art., unw., $\mathrm{I} \frac{1}{2}$ aru. ; and in the same holding, entered to Onnophris son of Petsiris, rated at I art., unw., I aru. ; and in the area of Sepho in the holding of Parmenion, entered to Petsiris whose mother is Thaësis, Crown-land, irrigated, i aru.' Date and signature.
I. $\tau \hat{\varphi} \kappa(a i) \Delta t[0] \nu[v \sigma i \omega$ : cf. P. Hamb. 19. 1, where the same basilicogrammateus is mentioned, also probably in the 5 th year.
7. 'Iov入iov $\Sigma \omega \pi a ́ \tau \rho o v:$ this new epistrategus is to be inserted between Aurelius Severus, deputy-epistrategus (1202. i, P. Flor., 382. 50; A.D. 222-3), and Di . . . Balbinus (B. G.U. 659.7 ; A. D. 228-9) in Martin's list, Epistrateges, 185 . He may be identical with the judge

 In the case of the former half of the charges was let off, in that of the latter the whole.
 to the village of Palosis, which also occurs as a personal name in ll. 6 and 19. Пє́ $\tau \sigma \epsilon \boldsymbol{\rho} / \mathrm{s}$ ${ }^{\prime} H \rho a \kappa \lambda$ grov in l. 19 might even be identical with the person of that name in 1459. I1, 3 2.
11. єis Пє́тбєєрьv: cf. the preceding n. $\sigma \omega \mu a \tau \iota \zeta о \mu$ évas is to be supplied; cf. 1113. 17 1460. I I, nn.
a (aj $\rho \tau \dot{\beta} \beta \eta s$ ): this was the normal rate of land-tax upon an arura of catoecic, cleruchic, or ordinary private land; cf. P. Ryl. 202. 3, n. and 1434. 23, 1445. 8. n., 1549. 16. The $1 \frac{1}{2}$ artabae rate found in 11.15 and 24 sqq. also occurs in 1044. ii (i. 7, n.) and B. G. U. I 39. 13 in connexion with private land.
16. $\left.\lambda_{o \iota}\right] \pi o v ̂ ~ M \epsilon \nu \epsilon \sigma \theta(\epsilon \epsilon \omega s): c f .1 .29,1044.24$.

 (cf. l. ıо, n.). The é поiкьo was no doubt in the Thmoisepho toparchy, like Palosis and Sepho (ll. 9 and 34).
1460. Revision of Lists of Land-owners.

$$
9.8 \times 9.2 \mathrm{~cm} . \quad \text { A.D. } 219-20
$$

This return of landed property, addressed to a strategus, is of an unusual character, being intended for a revision of the government survey-lists, in which the names of the cultivators had ceased to correspond to the facts ; cf. the list of deceased cultivators of Crown-lands and their successors in 1446. The reign is fixed by the name of the strategus, Aurelius Harpocration, who is known from 1283. I to have been in office in the 2nd year of Elagabalus (A.D. 218-I9); the year was apparently indicated in a marginal note at the top (3rd ?). Another strategus of the same name in A. D. 278 is known from 1409. I, but the handwriting decisively indicates the earlicr date. 6-8 letters are lost at the ends of lines, and the papyrus breaks off before reaching the main sentence, describing the writer's own land, but not without providing some interesting information about the nature of the revision. On the left it was joined to another document,
of which the ends of 14 lines survive, mentioning $] \dot{\eta} \kappa \rho a \tau i \sigma \tau \eta \mid[\beta o v \lambda \eta$ ? and $] \tau \hat{\varphi}$ $\epsilon \grave{\epsilon} \iota \sigma \tau \rho a \mid[\tau \eta \prime \gamma \varphi$.



סıкаị́. $\dot{\epsilon} \pi \epsilon \iota \delta \grave{\eta} \dot{\eta} \dot{\alpha} \pi \alpha a i \tau \eta \sigma \iota[s] \tau \hat{\omega} \nu[\sigma \iota \tau \iota \kappa \hat{\omega} \nu$

$\sigma \tau \omega \nu \quad \gamma \in \nu \circ \mu \epsilon ́ \nu \omega \nu \dot{\epsilon} \pi \iota \pi \lambda \alpha \dot{\alpha} \sigma \tau \omega[\nu$ каi $\dot{\alpha} \pi \alpha i ́-?$









' To Aurelius Harpocration, strategus of the Oxyrhynchite nome, from Flavia Marcella, acting without a guardian in accordance with Roman custom by the ius liberorum. Since the collection of corn-dues was being based upon old lists of names, most of which were fictitious, and collections were being made which involved injustice to many, orders were given that the dues should be revised . . ., and should be entered on the lists annually and registered upon the following plan, namely with a statement how much is owned by each individual at each village and to what class it belongs, how much is private land and how much public, and what kind of crops are grown in each case on the particular arurae, together with the classes (of produce) due . . ,
2. That this line was written by the writer of 1 . 1 is not certain, but a reference to a month is possible.
6. [ $\sigma \iota \tau \iota \kappa \omega \bar{\nu}$ : $\delta \eta \mu \sigma \sigma i \omega \nu$ is rather long.

8-9. $\dot{a} \pi a i \mid \tau \eta \sigma \iota \nu: ~ c f .1 .6$. A synonym would be improvement in view of the shortness of the interval, but there seems to be no other suitable word.
10. Probably $\nu[$ éa or $\nu[\hat{v \nu}$. The subject of the infinitives is apparently $\sigma \iota \tau \iota \kappa a$, not àтаітпбь.
11. $\sigma \omega \mu a \tau \iota \sigma \theta \hat{\eta} v a l:$ the latest discussion of this verb and $\sigma \omega \mu a \tau \iota \sigma \mu{ }^{\prime} s$ is in Preisigke, Fachwörter, ${ }^{1} 67-8$, where references to the earlier literature are given. Preisigke wishes to translate $\sigma \omega \mu a \pi i \zeta \epsilon \nu$ 'verkörpern', i. e. put in the body of a document, and to connect it

$\sigma \omega \mu a \tau i \sigma a s \stackrel{\pi}{\epsilon} \gamma \rho a \psi a$, which is generally regarded as different from the use in e.g. 1044. $26{ }^{\circ} \boldsymbol{\omega} \nu$


及apézaı in 126. 8. The word seems, in spite of Preisigke, often to have a special reference to responsibility for taxes.
$\kappa к[\tau а \chi \omega \rho \iota \sigma \theta \hat{\eta}]$ yat: this word gives a suitable sense, but is rather long for the lacuna, which does not elsewhere seem to exceed 8 letters. кa[raypaф$\hat{\eta}]$ vat (in the sense of 'described') is the right length, but катаүрáфєє in connexion with land usually refers to transference of ownership.
16. $\gamma \epsilon[\nu \dot{\eta}] \mu[a \sigma \iota$ is possible in place of $\gamma \in[\nu \epsilon \sigma] \iota[$.

## 1461. Registration of a Shop.

$17.5 \times 7.1 \mathrm{~cm}$.
A.D. 222.

This registration ( $\dot{a} \pi \sigma \gamma \rho a \phi \eta^{\prime}$ ) of a vegetable-shop in the reign of Severus Alexander presents some novel features, being addressed apparently to a former vioц $\quad \eta \mu a \tau o \gamma \rho a ́ \phi o s ~ a n d ~ a ~ f o r m e r ~ c h i e f-p r i e s t . ~ T h e ~ p a p y r u s ~ i s ~ b r o k e n ~ a t ~ t h e ~ t o p, ~$ but the writing on the verso, which was subsequently used for an account of payments for rents (beginnings of 12 lines), has a margin above it, and probably nothing is lost before l. I of the recto, though it is possible that two former v́тоицпиатоүрáфоь were mentioned, not one. Property-returns, other than кат' oiкíav àmoүрaфaí (with which 1461, as is shown by the datc, has nothing to do) and returns of unwatered land (e.g. 1459), were usually sent to two $\beta \iota \beta \lambda \iota о \phi u ́ \lambda a \kappa \epsilon s$, and this may have been the actual rank of the two ex-magistrates in 1461 ; cf. the omission of the title $\beta \iota \beta \lambda \iota о \phi v \lambda \lambda \kappa \epsilon s$ with the $\gamma(v \mu \nu a r \iota a \rho \chi \eta \sigma a \nu \tau \epsilon s)$ in 1028. 3 (1452. 2, n.). As a rule ex-gymnasiarchs are found as $\beta \iota \beta \lambda \iota о$ и́ $\lambda а к є s$, but several instances of other ex-magistrates in that position occur (cf. Preisigke, Beantenwesen, 34-9). Of the two in question here one had held a higher, the other a lower, office than that of gymnasiarch; cf. 1412. 1-3, n. The shop was owned by the Imperial fiscus, and the writer of the papyrus, who was apparently the lessee, was liable for the repairs, appending a receipt for payments which he had
 to the rules laid down by Mettius Rufus in 237. viii are not known to have taken place in the third century, and are not certainly attested after A. D. I3I. 1461 seems to belong to the same class as P. Brit. Mus. 940-5 (iii. 117-21), but to have been sent in unduly late. Sellers of vegetables were apparently subject to a tax


| [Av́p $\lambda(i(\omega)$. . . . . .] . [ II letters |  |
| :---: | :---: |
|  | Ма́ркои $A$ úp $\eta \lambda i \uparrow 0]$ u |
| $\tau\left[0 \gamma \rho \alpha{ }^{(\phi \omega)}\right.$ |  |


|  $\dot{\alpha} \rho \chi \epsilon \in[\rho] \in \hat{i}$ |  |
| :---: | :---: |
| $\pi \alpha \rho \alpha ̀ \alpha ~ A \dot{v} p \eta \lambda i o v ~ ' E \rho \mu \alpha i ̈ \sigma k o v . ~$ |  |
|  |  |
|  |  |
| $\gamma(\grave{o} \nu) \dot{\alpha} \pi \grave{o}{ }^{\circ} \Pi \alpha \chi \grave{\omega} \nu \gamma($ ètous) $\mu \epsilon ́ \chi \rho \iota$ <br>  |  |
|  |  |
| $\pi \rho o ̀ s ~ \tau \hat{\omega} \Psi^{\prime}$ |  |
|  |  |
| $\alpha, \kappa \alpha i$ o $\delta \iota \gamma \epsilon \gamma \rho \alpha \phi \epsilon \bar{\prime} \alpha \iota \quad \mu \epsilon \in[$ is $\kappa \alpha \tau \alpha \sigma \kappa \epsilon v \grave{\eta} \nu \not \ddot{\alpha}^{\lambda}(\lambda \alpha s)(\delta \rho \alpha \chi \mu \grave{\alpha} s) \kappa \delta_{l}(\grave{\alpha})$ |  |
| $\Delta \iota o \sigma$ - |  |
| ко́pov $\dot{\alpha} \pi \alpha \iota \tau \eta \tau 0 \hat{v}, \dot{\omega}$ S $\dot{\eta}$ |  |
|  |  | $\dot{\alpha} \rho \chi \tau \in[\rho] \in \hat{\varphi}$


 $\tau \eta \rho^{\prime} \iota \nu \nu \lambda \alpha \chi \nu 0 \pi \omega \lambda(\iota \kappa \partial \nu \nu) \in ̇ \nu \epsilon \rho-$


 кขрıакй $\pi \rho o ̀ s ~ \tau \hat{\eta}$ П $\lambda \alpha \tau \in[i-$ a, каi $\delta \iota \alpha \gamma \epsilon \gamma \rho \alpha \phi$ éval $\mu \in \in[$ is
 $\Delta \iota_{0}$ -
ко́pov $\dot{\alpha} \pi \alpha \iota \tau \eta \tau о \hat{v}, \dot{\omega} \dot{̣}$ $\dot{\alpha} \pi o \chi \grave{\eta} \pi \epsilon \rho \mid \epsilon ́ \chi \epsilon \iota$.
'To Aurelius . . ., ex-hypomnematographus, and Aurelius Horion, ex-chief-priest, from Aurelius Hermaiscus. I register the fact that I have a vegetable-seller's shop in working order from Pachon of the 3 rd year up to the present day, situated in the said 3 rd year at Psou in Imperial ownership in Broad street, and have paid for repairs 20 drachmae more through Dioscorus, collector, as stated in the receipt. The 2nd year of the Emperor Caesar Marcus Aurelius Severus Alexander Pius Felix Augustus, Hathur 20. The copy of the receipt is as follows: For the vegetable-seller's shop of Hermaiscus I have received through Dioscorus for repairs 20 drachmae more; the 4 th year on account 20 dr .; item 20 dr .; item 20 dr . ; item 20 dr .; item the remaining 24 dr .; total 124 dr .'
 cf. crit. n.
7. $\gamma$ ( ${ }^{\text {Eroves }}$ ): sc. of Elagabalus, the mention of whose name is avoided, as in 1.25 .
8. $\tau \circ(\hat{v}) \operatorname{av} \tau(o \hat{v}) \gamma\left({ }_{\text {Un }}^{\text {rovs }}\right)$ : the number was apparently $a$, at any rate originally, but this is inconsistent with $\tau o(\hat{v}) \operatorname{air}((\hat{v})$, and, as $\beta$ (cf. 1. 15) cannot be read, it is best to suppose that some superfluous ink above the end of the $a$ represents the cross-bar of a $\gamma$, the loop of the $a$ being left uncorrected.
9. $\pi \rho \grave{s} s \tau \hat{\varphi} \Psi o \hat{v}:$ an island called $\Psi \dot{\omega}$ near Syene is known from Dittenberger, Gr. Or. Inscr. i. 168. $4^{2}$ (cf. ii. 547 ), and $-\psi$ ' with the prefix Teprov-(found in several Hermopolite villages) occurs in P. Ryl. 108. 12. Yov̀ seems to have been a building or tómos, but the last letter is doubtful, being perhaps $\eta$. Wó $\omega$ cannot be read, if $\hat{e} \nu$ is right; and, as the vestige before $\nu$ suits $\epsilon$ better than $\omega$, $\Psi \dot{\prime} \omega\left\langle\left\langle{ }^{\prime}\right\rangle^{\prime}\right\rangle$ or $\Psi \dot{\sigma}^{\circ} \omega \nu\left\langle\left\langle{ }^{\prime} \nu\right\rangle\right.$ is unsatisfactory.

 apparently in the 3 rd year of Elagabalus. $\kappa$ suits the vestiges better than any other number,
$\kappa \delta$ or $\rho \kappa \delta$ (cf. ll. 29-30) being inadmissible. It is not possible to read ai $\lambda$ (oırai) here (cf. 1. 29) and regard it as a mistake for tàs $\lambda$ (oımás), though in l. 24 the writer seems to have confused ä $\lambda(\lambda a s)$ with ai $\lambda$ (oırai).
22. $\lambda a \chi a \nu o \pi \omega \lambda \epsilon i o[v]$ : or possibly $\lambda a \chi a v o \pi \omega \lambda i o v$, but not $-\pi \dot{\omega} \lambda o v$ or $\pi \omega \lambda \iota \kappa o[\hat{v}]$.
23. ${ }^{\text {Eqoxov }}$ : who issued the receipt is not stated.
24. $\neq\{\imath\} \lambda(\lambda a s): c f .1 .12, n$.
1482. Two Notifications of Cessions.

$$
15 \times 11.7 \mathrm{~cm} . \quad \text { A.D. } 83-4
$$

These two documents, addressed to the official in supreme charge of the administration of catoecic land (каталохь $\sigma \mu \circ$ ), were joined together and numbered probably in the office of the local agent of the department (1l. 2-3, n.). They were written by persons to whom landed property had been ceded (at any rate in the second case by purchase ; cf. $11.29-30, \mathrm{n}$.), but owing to the loss of the conclusions the precise purpose of the notifications is obscure. Probably, however, they exemplify the process of $\mu \in \tau \epsilon \pi \iota \gamma \rho a \phi \eta$, i. e. transference of ownership in the official register of catoecic land, referred to in 273 . I8 sqq. ( $=$ M. Chrest.

 addressed by the office of каталохь $\sigma \mu$ оi to subordinates (P. Flor. 92) or to agoranomi (e.g. 45-6) are likely to have been the direct consequence of similar notifications. On the general evidence concerning the transfer of catoecic land see 45 . int., Preisigke, Girowesen, 497 sqq., where the process as explained is probably much too elaborate, Mitteis, Grundz. III-I2. Both documents in 1462 mention contracts made through village $\gamma \rho a \phi \in i=$, i. e. parallel to those drawn up in the $\dot{a} \gamma \circ \rho \alpha \nu \rho \mu \epsilon \hat{\imath} 0 v$ or $\mu \nu \eta \mu \circ v \epsilon \hat{\imath} 0 \nu$ of the metropolis, which are probably indicated by the $\dot{\delta} \mu$ oдoyía in 45.7 (cf. Mitteis, Chrest. 222. int.). In the second case there was an interval of at least three months between the date of the contract (Pauni of the 2nd year, l.35) and the notification (in the 3rd year), which is accounted for by the fact that the contract was made in a distant part of Egypt ; in the first case the interval is likely to have been less, especially if Пax] $\varphi \boldsymbol{\nu}$ (the 9th month of the year) in 1.14 is right. But in any case the procedure seems to have been slower than that exemplified by 45 , where the officials of the ката-
 the sale was drawn up. With regard to the nature of the contracts we share Mitteis's objections to Preisigke's hypothesis that two different ones were necessary, and regard 273 as on a level with C. P. R. I (M. Chrest. 220) and an example of the kind of agreements indicated in $\mathbf{1 4 6 2}$.

Col．i．
［ a ］

$\lambda(o \chi \iota \sigma \mu \circ i s) \quad \beta$
［ $\delta \iota \alpha ̀ ~ I I \lambda o v \tau \dot{\alpha} \rho \chi(o v) ? ~ \chi \in \iota \rho \iota \sigma]$ ？$o \hat{v}$ ［ $\pi \alpha \rho \alpha ̀ ~ . ~ . ~ . ~ . ~ . ~ . ~ o ~ o] v ~ \Delta \iota o \sigma-~$
5 ［kópov тồ＇Hpa］k入єíoov ［ II letters ］íov тô̂ ［каi ．．．．．．］$\pi \alpha \rho \alpha к \epsilon-$ $\left[\begin{array}{lll}\chi & \rho \rho \eta \tau \alpha \iota & \delta \iota\end{array}\right] \dot{\epsilon} \mu \rho \hat{v} \dot{\eta} \dot{\alpha} \phi \hat{\eta}-$ $[\lambda i \xi$ ноv $\theta v \gamma \alpha ́] \tau \eta \rho{ }^{\text {＇}} \mathrm{H} \rho \alpha i \bar{\sigma}-$
$10 \quad[\kappa \eta$ ？$\kappa \alpha \tau \dot{\alpha}$ ó $\mu 0] \lambda 0 \gamma i ́ \alpha \nu$ т $̀ \nu$ $[\tau \epsilon \lambda t \omega \theta \hat{\imath} \sigma \alpha \nu]$ ठ $\iota \grave{\alpha} \tau 0 \hat{v}$
$\left[\tau \hat{\eta} s \kappa \kappa ́ \mu \eta s \quad \Sigma_{l}\right] \nu \alpha \rho v ̀ \tau \hat{\eta} s$ ［ка́т $\omega \tau 0] \pi[\alpha \rho]$ Xías $\gamma \rho \alpha \phi i ́ o(v)$

$15 \quad[\epsilon \in \nu \epsilon \sigma] T \hat{\omega}[\tau 0] s \gamma(\epsilon ้ \tau o v s)$
［Av́ток］ó́тороs Kаíбар［оs］
$[\Delta о \mu ı] \tau \iota \nu \nu \hat{v} \quad \sum_{\epsilon} \in \alpha \sigma \tau о \hat{v}$
$[\Gamma \epsilon \rho \mu] \alpha \nu \iota \kappa о \hat{v} \pi \alpha \rho \grave{\alpha}$ то仑̂
［．．．．．．］$\epsilon \sigma$ íou $\mu$ ov $\alpha \hat{\alpha}[\delta]_{\epsilon} \lambda-$ ［фо仑 ．．．．］Xov Tทрш［．］o－ ［ 15 letters ］$\alpha \boldsymbol{\lambda}-$
ii．＇ 2 ．
To Tarutillius，superintendent of the distribution of lands，through his agent Plutarchus， from Demetrius son of Callias，inhabitant of the village of Sinaru in the lower toparchy． I have had ceded to me together with other property subject to the $\epsilon \gamma \kappa \dot{\kappa} \kappa \lambda \iota \nu \nu$－tax，by a contract executed through the record－office of Noïs and other villages in the territory of the Alexan－ drians in the month of Pauni of the past second year of the Emperor Caesar Domitianus Augustus Germanicus，from Eutych ．．．son of ．．．son of ．．．＇
$2-3(=23-4)$ ．These lines must have projected if the restoration is correct，for only 14 and 13 letters would be expected in the two lacunae．Possibly a whole line is lost at the top，but Col．i is already higher than Col．ii．For $\pi \rho o ̀ s ~ \tau o i s ~ \kappa] a \tau a \lambda(o x \iota \sigma \mu i ̂ s) ~ c f . ~ P . ~ G r e n f . ~$



 (A.D. 88), and 345.

6-7. For the Alexandrian tribe-name there are several possibilities, but of the known deme-names Zq́vetos is the only one short enough for 1. 7. It occurs in combination with the tribe-names Протаттобєßávтєtos and $\Sigma \omega \sigma \iota \kappa o ́ \sigma \mu \iota o s$, which are both unsuitable here; cf. the list in Jouguet, Vie munic. 130-1.

9-10. 'Hpaï $[k \eta$ катá: 'H H ais is a very common feminine name, but it is not easy to fill up the lacuna. 'Hpaiokos is fairly common.
19. [. . . . . ] $]_{\sigma \text { oiov }}$ : the vestige before $\sigma$ suits $\epsilon$ or a better than $\eta$, and to $[\delta \mu o \gamma \nu] \eta \sigma i o v$ there is the further objection that the word following ] xou (or ]rou) inl. 20 is not $\Delta \iota \sigma \sigma$ кópou (cf. 1. 4), although apparently a proper name. [viot]eviov 'adopted' is not an attested form (though cf. á $\phi$ '́voos) and is too short.

23-4. Cf. ll. 2-3, n.
 period; cf. 242. int. The ré ${ }^{2}$ оя катадохь $\sigma \mu \hat{\omega} \nu$ paid by incoming catoeci (P. Tebt. 357, Wilcken, Grundz. 305) was different ; cf. 1472. 25.


## 1463. Application for Examination of a Slave.

$$
27.2 \times 15 \mathrm{~cm} .
$$

A.D. 215 .

An application for the examination (áváкрьtıs) of a female slave, sent to the nomarch of Antinoöpolis (l. 1, n.) through his deputy by the intending purchaser, with her signature and that of the seller. All this part of the papyrus is very well preserved, but the last few lines $(26-35)$, which contain a letter from the deputynomarch, either issuing the required certificate of àváк $\rho \iota \sigma \iota s$ or authorizing it to be made, are in the essential portion too much damaged to bc intelligible. The application was written a few years after the constitutio Antoniniana, and naturally all the persons referred to are Aurelii. The mention in two cases (those of the guardian of the purchaser and his proxy; 11. 5 and 20) of Alexandrian tribeand deme-names is not surprising (cf.e.g. 1458. 6); but, since the buyer was resident at Oxyrhynchus and the seller in the Heracleopolite nome, it is remarkable that the question of à ákaıəっs should be referred to an Antinoïte official. Apart from the present document, all that is known about that process is that it was preliminary to the sale of a slave and was conducted by various officials;

 $\grave{\epsilon} \nu \epsilon \sigma \tau[\omega ́] \sigma \eta$, P. Leipzig 4. i. $15-17$ ( $=$ M. Chvest. 171) $\eta^{\prime \prime} \nu \nu \pi \epsilon \rho$ à $\sigma \phi a ́ \lambda \epsilon \iota a \nu \mu \in \tau a ̀ ~ к a i ̀ ~ \tau \hat{\eta} s$




a permit for the sale，Preisigke（Fachzoörter，s．v．）as a certificate containing an official description of the slave．The fact that a precise description of the slave is given in the application（ $\mathbf{1 4 6 3}$ ．IO－II），and that $\gamma^{2} \omega \rho i(\omega \nu \nu$ occurs in the letter of the deputy－nomarch（ 1.30 ；cf．the $\gamma v \omega \sigma r \hat{\eta} \rho \epsilon s$ who appear in connexion with the $\dot{k} \pi i k \rho \iota \sigma \iota s$ of slaves and others in 1451．27），indicates that the＇examination＇was intended to establish the identity of the slave，and somewhat resembled the process of $\dot{\epsilon} \pi \dot{L} \kappa \rho / \tau \iota s ;$ cf． 1451 ．int．The intervention of the Antinoilte nomarch may have been due to the circumstance that the birth－certificate of the slave was deposited at Antinoöpolis during a former period of residence of her mistress at that city．The beginnings of $11.30-1$ are on a separate fragment，of which the exact position is uncertain；it can be assigned to the beginnings of $11.28-9$ or 29－30．．

## 






À́p $\eta$ 入ías＇A $\rho \tau \epsilon \mu \epsilon i \tau o s ~ ' A \mu o ́ \imath \tau o s ~ \mu \eta \tau \rho o ̀ s ~ T a ф а \mu o ́ l-~$












20 رovos $\Phi v \lambda \alpha \xi \vartheta \theta a \lambda \alpha ́ \sigma \sigma l o s$ ó каì＇A $\lambda[\theta a l \epsilon \grave{y}] s$


Ka入入ívıкоs ó каi Koтре́as＇Hраклєídou $\mu \eta \tau(\rho o ̀ s)$

25 [ $\pi \grave{\epsilon} \rho$ ] $\tau \hat{\eta} S$ тô̂ $\dot{\alpha} \delta \epsilon \lambda \phi 0 \hat{v}$ रvvaıкòs $\gamma \rho \dot{\alpha} \mu \mu \alpha \tau \alpha$
[ $\mu \grave{\eta}$ єióvías. (5th hand) Aن́p $\overline{\lambda(c o s) ~ ' A] \mu \mu \omega ́ \nu l o s ~ \nu o \mu \alpha ́ \rho \chi \eta s ~ ' A \nu \tau t-~}$

[ I5 letters ] $\alpha \nu \tau i \alpha \alpha \pi o \delta[201$.


```
30 є\tau\epsilon[. .]p[. . . . . . . .] \gamma\nu\omega\rhoí\\omega\nu [ 19 1.
```





35 Mєyíato[v Eú]тuхoûs $\sum_{\epsilon} \in[\alpha \sigma \tau o \hat{v}$

 1. Пар $\theta \star[0 \hat{v}$.
'To Aurelius Ammonius, nomarch of Antinoöpolis, through Aurelius Apollo also called Serenus, his deputy, from Aurelia Claudia daughter of Sarapion, of Oxyrhynchus, with her guardian, who is her husband, Marcus Aurelius Ammonius son of Dionysius son of Amerimnus, of the Sosicosmian tribe and Althaean deme. As I wish to buy from Aurelia Artemeis daughter of Amoils and Taphamoïs, from Choinothis in the Heracleopolite nome, acting without a guardian by the ius liberorum, a female slave called Tyrannis, of Asiatic descent, white-skinned, aged about 24 years, or by whatever other name she is called, I request that her examination may be held in accordance with the orders on the subject. Farewell.' Date, signatures of Aurelia Claudia and her guardian, the latter written by Serenus, and of Aurelia Artemeis, written by the brother of her husband, and part of a letter from the nomarch, through his deputy.
 of the strategus at other nome-capitals ; cf. Kuhn, Antinoöpolis, I 43 sqq.
 68. 3, which also indicates that it was in the Kwirns toparchy (cf. 1416. 13, n.). Xovvēturs occurs in P. Stud. Pal. x. 8.2 (4th cent.).
 P. Strassb. 79. 2.
22. The fact that Aurelia Artemeis, though acting without a ки́pıns (1. 9), was unable to write is noticeable in view of the importance elsewhere attached to a knowledge of writing as a condition for dispensing with a кúpos; cf. 1467. int.
27. 'A $\pi о \lambda \lambda \omega \nu$ iov: in 1. 2 'A ód $^{\lambda} \lambda \omega \nu$ os.
28. Perhaps d̀vti àmoo [ $\sigma \sigma \epsilon \omega s$, sc. of the charge for dंvákpıбts.
 letter followed $\epsilon \tau \epsilon[$, would be expected to be visible, and the position of the fragment containing the beginnings of $11.30-1$ is uncertain; cf. int.

3I. '่ $\pi \tau \tau \epsilon \lambda \subset\left[u\right.$. . seems to be a participle, but $\epsilon^{\prime} \pi \iota \tau \epsilon ่ \lambda \epsilon[\iota$ is possible.

## 1464. Declaration of Pagan Sacrifice.

$$
17.2 \times 9.8 \mathrm{~cm} . \quad \text { A. D. } 250
$$

On the recto of this papyrus is a libellus of the period of the Decian persecution, containing a declaration of conformity to pagan worship, like 658. Examples of these libelli from the Arsinoite nome are now numerous; cf. P. M. Meyer, Abhand. d. Berl. Akad. 1910 and Griech. Texte, 15-17, and P. Ryl. 12, 112. The present specimen differs slightly from the normal type, mentioning a $\theta \in i ́ a$ крícıs (i. e. Imperial decree) in 1. 6, and indicating that part, if not all, of the writer's family associated with him was represented by himself (1. Io, n.). The official signatures appended to most of the Arsinoite libelli are here absent. 658 is incomplete at the end, but in the light of 1464 the signature in the last extant line of that papyrus is almost certainly that of the writer of the document.

The verso contains parts of ten lines of an account of names (e. g. B $\eta \sigma a ̂ s$, $\Psi \epsilon v a \mu o \hat{v} \nu s)$ and drachmae, written soon after 250 .

> ['O] ${ }^{\prime} v \rho \nu \gamma \chi € \iota \tau \hat{\omega} \nu \pi o ́ \lambda \epsilon \omega s$
> [ $\pi \alpha \rho]$ व̀ $A \dot{v} \rho \eta \lambda i ́ o v ~ \Gamma \alpha \iota \omega ิ \nu o s ~ ' A \mu \mu \omega v i ́ o v ~$

$$
\begin{aligned}
& 5 \text { [ } \sigma \pi \epsilon \epsilon] \nu \delta \epsilon \iota \nu \text { каi } \sigma \epsilon \in \beta \in \epsilon \iota \nu \text { } \theta \epsilon o i ̂ s ~ \epsilon i \theta \iota \sigma \mu \epsilon ́ \nu o s
\end{aligned}
$$

> [каi] $\nu \hat{v} \nu$ '̇ $\nu \dot{\omega} \pi \iota \circ \nu$ ن́ $\mu \hat{\omega} \nu$ $\theta \dot{v} \omega \nu$ каi $\sigma \pi \epsilon \in \nu$ -
> $[\delta \omega] \nu$ каi $\gamma \epsilon v[\sigma] \alpha \dot{\alpha} \mu \epsilon \nu 0 s \quad \tau \hat{\omega} \nu \quad i \epsilon \rho \epsilon i ́ \omega \nu \quad \stackrel{\alpha}{\alpha} \mu \alpha$
> [Ta ?] $] \hat{\omega} \tau \iota ~ \gamma \nu \nu \alpha \iota \kappa \grave{\imath}[\kappa] \alpha \grave{\imath}$ ' $A \mu \mu \omega \nu$ í $\varphi$ каì ' $A \mu \mu \omega-$

> [Avं]roкра́тороs $K[\alpha]![\sigma \alpha \rho o] s$ Taíou $M \in \sigma \sigma i ́ o u$
> [Kví]vtov T[p]aıavoû $\triangle \epsilon \kappa i ́ o v ~ E u ̉ \sigma \epsilon \beta o v ̂ s ~$

$$
\begin{aligned}
& \text { [тоs] } \gamma \rho \alpha ́ \mu \mu \alpha \tau \alpha .
\end{aligned}
$$

3. $\gamma a \ddot{\omega} \omega \nu$ оs $\Pi$; so in l. I5 $\gamma a i ̈] \omega \nu . \quad$ 7. $\ddot{v} \mu \omega \nu$ П. 8. $\ddot{\epsilon} \epsilon \epsilon \epsilon \omega \nu$ II. 12. $\gamma а \ddot{o v}$ П.
'To the commissioners of sacrifices at Oxyrhynchus from Aurelius Gaion son of Ammonius and Taeus. It has ever been my habit to make sacrifices and libations and pay
reverence to the gods in accordance with the orders of the divine decree, and now I have in your presence sacrificed and made libations and tasted the offerings with Taos my wife, Ammonius and Ammonianus my sons, and Thecla my daughter, acting through me, and I request you to certify my statement. The rst year of the Emperor Caesar Gaius Messius Quintus Trajanus Decius Pius Felix Augustus, Epeiph 3. I, Aurelius Gaion, have presented this application. I, Aurelius Sarapion also called Chaeremon, wrote on his behalf, as he is illiterate.'
r. [Toî] $\dot{\epsilon} \pi i \tau \hat{\omega} \nu \quad \theta v \sigma t \omega \bar{\nu}$ aip $\theta \in \hat{\epsilon} \sigma \iota$ : this, with the perfect in place of the aorist, is the usual title of the commissioners; in 658. I they are called $\tau 0 i ̂ s ~ \dot{\epsilon} \pi i \quad \tau \hat{\omega} \nu \quad i \in \rho\langle\epsilon i\rangle \omega \nu[k a i] \theta v \sigma t \omega \nu$.
4. $\sigma \epsilon \beta \epsilon \epsilon \nu$ : in the Arsinoïte libelli $\epsilon \dot{\sigma} \epsilon \beta \epsilon i \nu$ is used, more correctly.
5. [Ta] $\bar{\tau} \iota$ : cf. e. g. 256. 4, B. G. U. 26. 18, and Taeîtos in l. 4.
6. Ө $\epsilon \kappa \lambda a$ : cf. e. g. 1059. 2 ( 5 th cent.). Whether $\delta i{ }^{\prime} \epsilon^{\prime} \mu$ ov̂ refers to her alone, or to the wife and sons also, is not clear; cf. int. In 658 a son and daughter are mentioned; but the Arsinoïte libelli generally mention one person only, even when ijâs occurs in the attestation of the officials.
${ }^{\kappa}[a]$ : : this is superfluous, as the writer has participles instead of indicatives in $11.6-7$; cf. 658. I I-I2.

## VI. PETITIONS

## 1465. Petition concerning Tileft.

$$
14.3 \times 10.5 \mathrm{~cm}
$$

First century в. с.
A petition to an official, complaining of a theft of corn and asking for the arrest of the suspected thieves. The script is practically uncial, resembling that of 1453 ( $30-29$ B. C.), and the phraseology of the concluding section (1l. 9-16) is in the Ptolemaic style, so that the papyrus is as likely to have been written in the reign of Cleopatra (or possibly Ptolemy Auletes) as in the carly part of the reign of Augustus. Owing to the loss of the beginning it is uncertain which magistrate is addressed, but the phrase катабт $\sigma \sigma a \iota ~ \dot{\epsilon} \pi i \quad \sigma \epsilon \epsilon^{\prime}(1.12)$ suggests the strategus or $̇ \pi \iota \sigma \tau a ́ \tau \eta s$ фvגакıт $\omega v$ : cf. e.g. P. Ryl. I36. 14, I49. 23. Pauses are indicated
 кодібш $\mu$ (l. I3).

$\pi \epsilon \rho \grave{~ т o ̀ ~ П \epsilon к и ́ \sigma \iota o s ~ ' I \sigma \iota \epsilon i ̂ o \nu ~ a ̀ m[\eta] \nu ヒ ́ \gamma-~}$



$\beta \alpha \sigma \iota \lambda \iota \kappa \bar{\eta} s[\gamma] \hat{\eta} s$ єis ${ }^{\alpha} \lambda \lambda \alpha s(\pi v \rho o \hat{v})[(\dot{\alpha} \rho \tau \alpha ́ \beta \alpha s)] \delta$ ． $\kappa \alpha \theta v \pi o \nu \circ \hat{\omega} \nu$ oû $\nu$ єis $\sum \alpha \rho \alpha \pi i ́ \omega \nu \alpha$ $\dot{\alpha} \lambda \omega \nu \circ \phi u ́ \lambda \alpha[\kappa] \alpha$ каì тov̀s ä入入ous тov̀s є́кє̣̂́

10 $\mu[\epsilon ́]$ ］

 $\tau \grave{\alpha} \epsilon i \lambda \eta \mu \mu \epsilon ́ \nu \alpha$ ко $i^{\prime} \sigma \omega \mu \alpha l$ ，oi $\delta \grave{\epsilon} \phi \alpha \nu \eta$－

 $\lambda \eta \mu \mu$ е́ $\boldsymbol{\nu}$ оs．

$$
\epsilon \dot{\epsilon} \tau \dot{u} \chi \in \iota .
$$

8．$\phi \nu \lambda a[\kappa] a$ of $a \lambda \omega \nu 0 \phi \nu \lambda$ ．above the line．
＇．．．before I returned，thievishly carried off from the threshing－floor，which I own near Iseum Pekusios，as much as 4 artabae of wheat，and likewise from another threshing－floor， which I own near the same Iseum for the Crown－land cultivated by me，as much as 4 more artabae of wheat．I have suspicions against Sarapion，guard of the threshing－floors，and the others who sleep there．Wherefore having been wronged I appeal to you，and request you to give orders（to your subordinates）to search out the guilty persons and bring them before you，in order that I may recover the stolen property，and the persons who shall be proved guilty may receive due punishment，so as to prevent others，and that I may obtain relief． Farewell．＇

I．$[\hat{a}] \nu \epsilon \lambda \theta_{\epsilon}[\hat{\nu}]: \pi \rho^{\prime} \nu \mu \epsilon$ may have preceded．$\pi$ can be read in place of $\nu$ ，and the
 end of the line has room for 2 or 3 more letters，and $\stackrel{\epsilon}{\epsilon}\left[\chi о \mu \epsilon \nu\right.$ is possible，in spite of $\left.\epsilon^{\epsilon} \chi\right] \omega$ in 1.4 ．

2．Mévítos＇Iflєiov：several villages called after shrines of Isis are known in the Oxyrhynchite nome（cf．1488．28，n．）；but this one is new．

7．каӨvสогоผิv oỉv：the sentence begins as if $\mathfrak{a} \xi t \omega$ was to be the main verb，but the writer makes a fresh start in 1． 9 with $\AA_{\nu} \chi$ дápıv，adding two more participles．$\epsilon$ is इapani $\omega \nu a$ is an unusual construction：the accusative simply after kaAvaovoeiv occurs in P．Ryl．146．19， the genitive in P．S．I．168． 26.
 àpxı $\pi \epsilon \delta \iota \circ \neq \dot{\lambda} \lambda a \xi ̆$ in a list of $\delta \eta \mu o ́ \sigma \iota o$ of Seruphis，an Oxyrhynchite village，in a Leipzig papyrus cited by Wilcken，Grundz． 4 I5．In P．Ryl．90．2，\＆c．，$\hat{\lambda} \omega \omega \nu \phi \nu \lambda(a \kappa i a \nu)$ is probably to be read in place of the unusual a $\gamma \omega \nu 0 \phi \nu \lambda(a к i a \nu)$ ．

10．$\pi[\rho \circ \sigma] a \gamma \gamma \boldsymbol{\lambda} \lambda \lambda \omega \nu$ ：a participle has superseded the indicative as in 1.7 ，the writer making a pause after $-\lambda \omega \nu$（cf．int．）．This word is common in Ptolemaic petitions ；cf． P．Hibeh 36．ı，37．2，Ryl．68．ェ7，P．S．I．ı72． 7.
${ }^{15}$ ．$\pi \rho o ̀ s \epsilon$ єтiбтaбı ä $\lambda \lambda \omega \nu$ ：this phrase can now be recognized in the very cursively

1466. Bilingual Request for a Guardian.

$11.3 \times 15.7 \mathrm{~cm} . \quad$ A.D. $245 . \quad$ Plate I.

A request for the appointment of a guardian, addressed to the praefect Valerius Firmus by a woman, in both Latin and Greek. The writing is across the fibres, and the right-hand half of the document is lost, but can be restored by the aid of 720 ( $=$ M. Chrest. 324 ), a similar request in Latin to the same praefect two years later, and 1201, a bilingual application for agnitio bonormm possessionis in A.D. 258. The Latin cursive writing is much smaller and more rapidly penned than that of those papyri and 1114 (A.D. 237) and 1271 (A. D. 246). 720 was the original petition, containing the actual signatures of the applicant and her proposed guardian (both in Greek), with the answer made in the office of the praefect and a remark of assent, probably in the praefect's own handwriting. 1466 also has at the bottom the answer to the petition, but in Greek, not Latin, and since the signatures appended to the Greek text are not autographs, the document is clearly a copy made in the praefect's office, the Greek docket appended to the Latin text giving the number of the original petition, which had been entered in the praefect's books. The Latin version is probably only a partial copy of the original, the Latin date and answer being omitted in 1.2, but translated in $11.6-7$ and 10 ; cf. 1201. 2I-2, where the Latin answer of the praefect is translated. Lines $I-3$, which are close to the upper margin, may even have been written after $11.4-10$. The lower part of the papyrus contains traces of an earlier document which has been expunged, and on the verso are three widely separated lines, apparently of an account, in a different hand, besides traces of other writing at right angles, all of which seem to have been inten-



The juristic aspects of $\mathbf{7 2 0}$ in relation to the other evidence concerning the appointment of guardians are discussed by Mitteis, Zeitschr. f. d. Savignyst. xxix. 390 sqq., Grundz. 248 sqq. Local magistrates were also competent to appoint them before and after the constitutio Antoniniana (cf. 1473. 20, n.), and whether the guardian appointed by the praefect was permanent or $\pi \rho o ̀ s ~ \mu o ́ \nu \eta \nu ~ \tau a u ́ \tau \eta \nu ~ \tau i ̀ \nu ~ \nu ~$ oiкovouiav (56. I6) is not clear. Incidentally 1466 provides the earliest date for the praefecture of Valerius Firmus, which is carried back to Pachon 26 (May 2I), 245. In P. Flor. 4. 5, written in the same month without mention of the day, a different praefect is found, Aurelius Basileus. The latter is also mentioned in 1277. recto as holding office on Mesore 25 (Aug. 18) of the 5 th year of an unspecified reign, which is more likely to have been Gordian's (i. e. A. D. 242) than that of the

Philippi（248），which was suggested in 1277 ．int．In 24 I the praefect seems to have been Annianus（P．Strassb．4I．17），and C．Julius Priscus was vice－praefect about this period（C．I．L．vi． 1638 ）．

1 Valerio Firmo praef（ecto）Aeg（ypti）ab Aurelia Arsinoe．rogo， domine，［des mihi auctorem e lege Iulia et Titia Aurel（ium）

3 $\dot{\epsilon} \rho \mu \eta \nu \epsilon \in ́ a ~ \tau \omega ิ \nu ~ ' P \omega[\mu \alpha і ̈ к \omega ิ \nu$.
 ${ }_{\epsilon}^{\epsilon} \rho \omega \tau \bar{\omega}, \kappa \dot{\varphi} \rho \iota \epsilon$ ，ठо仑̂vaí $\mu \circ \iota$


 Titıav⿳⺈
 A $\dot{\rho} \rho \dot{\jmath} \lambda \iota о \nu$＇$E \rho \mu \epsilon i-$





2. т) п.
＇To Valerius Firmus，praefect of Egypt，from Aurelia Arsinoë．I ask you，my lord， to give me as guardian according to the Julian and Titian law Aurelius Herminus．The 2nd year，Pachon 26 ．Sheet 94 ，vol．I．

Translation of the Latin：
To Valerius Firmus \＆c．Presented on the $\mathbf{1} 2$ th day before the calends of June in the consulship of the Emperor Philippus Augustus and Titianus．I，Aurelia Arsinoë daughter of Sarapion，have presented the petition，requesting that Aurelius Herminus should be appointed my guardian．I；Aurelius Timagenes（？）son of ．．．，wrote for her as she is illiterate．I，Aurelius Herminus son of Dionysius，consent to the petition．The and year， Pachon 26.

Unless you have the right to another guardian，I grant you the guardian for whom you ask．＇

1．The restoration is derived from 720．3－4，where et is omitted before Titia，whereas in l． 14 it was inserted，as probably here，since $k$［ai in 1.5 is practically certain，T［itiov being inadmissible．rogo，domine，des mihi also occurs in 1201．3．Line I seems to have been in any case longer than 11．4－8，and probably no word corresponding to ėmiүpaфóesvov in 1.5 （inscribendum？）occurred in it．
2. The Egyptian date, which perhaps occurred also in 1. 9, here belongs to the docket, the original Latin date corresponding to that in 1.6 being omitted; cf. int. The $\tau$ of $\tau\left(\sigma_{\mu} \mu s\right)$ (cf. crit. n.) was written like a $v$, as in 1201. II $\tau(\delta \mu o s)$ eis.
3. т $\omega \nu{ }^{\prime} \mathrm{P} \omega[\mu$ аїк $\omega \nu$ : cf. 1201. 12.
4. $\dot{\text { é }} \omega \tau \bar{\omega} \ldots \mu \circ \iota$ : cf. 1201. 15.
 $k[a i ~ T i ́ t ı o \nu ~ c f . ~ 1 . ~ 1, ~ n ., ~ a n d ~ f o r ~ \epsilon ' o ́ o ́ \theta ~ 1201 . ~ I ~ 9 . ~ ت$
7. For $\hat{\epsilon}\left[\pi \delta \delta \in \delta \omega \kappa a\right.$ cf. 1201. 5 (in 720. 8 there is a lacuna), and for aitov ${ }^{\prime} \dot{\nu} \eta$ 1201. 6.
8. Tı $\mu \mathrm{a}[\gamma$ év $\boldsymbol{\eta} \mathrm{s}$ : the reading is very uncertain. The first letter might be $\mathbf{E}$ or $\theta$, but ${ }^{\mathrm{e}} \mathrm{E} \rho \mu \mathrm{E}$ ivos (cf. l. 9) is unsuitable.
9. єن́סoк人े $\tau \hat{\eta} \delta \delta \epsilon \dot{\eta} \sigma \epsilon \iota$ : cf. 720.9-10. The insertion of the date is suggested by 1201. 2 I, but the space may have been blank.
10. 720. 12-15 has quo ne ab [iusto tutore tutela] (so Wilcken, comparing Lex Salpensana 1. 43) abeat, Pl[utammonem] e lege Iul. et [Tit. auctorem] do, which means the same. The point of the reservation is illustrated by P. Tebt. 397. ${ }^{2} 5-6$ évarodijouat $\mu \dot{\eta}$

 the constitutio Antoniniana, but Graeco-Egyptian law did not differ appreciably from Roman on this point.
1467. PETITION FOR IUS TRIUM LIBERORUM.

$$
25.8 \times 8 \cdot 1 \mathrm{~cm}
$$

A. D. 263.

This interesting document is a petition to a praefect from a woman, Aurelia Thaïsous also called Lolliane, claiming the right to act without a guardian in virtue of her possession of three children and ability to write, and asking for official sanction of her application. This was duly granted by the response added at the end, which is in the same hand as the petition, showing that the document is a copy, not the original. The beginning is lost, but evidently only a few lines containing the address are missing before 1. I. The date (l.29) is the Ioth year of an unnamed Emperor, who is almost certainly Gallienus both on palaeographical grounds and because the same woman, with her alternative names generally reversed, recurs in 1475 acting without a guardian in the 14th year of that Emperor. The only other possible reign here is that of Severus Alexander, but the handwriting and the use of the epithet $\delta \iota a \sigma \eta \mu o ́ \tau a \tau o s$ applied to the praefect strongly favour the later date. The pracfect therefore is likely to have been Aurelius Theodotus, who is known from P. Strassb. 5. 6-7, 18 to have been in office on Mesore 21 of the 9th year and in an unknown month of the Ioth year. On or before Pharmouthi 2 of the 13 th year the praefect was Kovgбóvios I . . . (P. Ryl. $16_{5} .9$ ), and perhaps another praefect who held office shortly before the 14th year was Claudius Theodorus (C. P. Herm. IIg. recto iv. 25).

There are frequent references in papyri, especially after the constitutio Antoniniana, to Roman women acting $\chi \omega \rho i s ~ к \nu \rho i ́ o v ~ \tau \epsilon ́ к \nu \omega \nu ~ \delta \iota к а i ́ \omega ~ к а \tau a ̀ ~ \tau a ̀ ~ ' P \omega \mu a i ́ \omega \nu ~$
č日 ; cf. 1463. 9, Kübler, Zeitschr.f. Savignyst. xxx. I 56 sqq.; but this is the first papyrus to illustrate the process by which the right was secured. The fact that so high an official as the praefect was addressed on the subject indicates that the privilege was by no means a 'reichsrechtliche Floskel', as suggested by Partsch in reviewing Kübler (Archiv, v. 472). The only extant parallel for 1487 is 1264, an application from an Oxyrhynchite citizen to the local magistrates for recognition of the right to à $\pi \grave{o} \tau \hat{\omega} \nu$ yó $\mu \varphi y$ à $\sigma v \lambda i a$, which was based (the correction
 established by the Lex Iulia et Papia Poppaea; cf. 1264. int. The mention in 11. 4-5 of the number of children (by Roman law three in the case of a Roman woman, four in that of a freedwoman ; cf. Kubler, l.c.) conveys the impression that they were all living, but it is not certain that the survival of the children was necessary for the granting of the ius trium liberorum. That a knowledge of writing was also generally required, though not an absolutely necessary condition (11. $8-10,1_{3-15}$; cf. 1463. 22, n.), is new and interesting. Neither Roman nor Graeco-Egyptian law was known to have laid stress on this condition in connexion with the independence of women, though in the light of 1487 the point

[. .] . $\alpha[. .$.$] . . [.] . . [. . ., ] \delta[\iota \alpha \sigma \eta-$ $\mu$ о́т $\alpha \tau \epsilon \dot{\eta} \gamma \in \mu \dot{\omega} \nu$, ої $\tau \nu \in \varsigma$
 छ̇̀ $\nu \tau \alpha i \hat{s} \tau \hat{\omega} \nu \tau \rho \omega \hat{\nu} \nu \tau \epsilon \in \kappa \nu \omega \nu$


 оиิ $\nu[\tau] \alpha \iota$ оікоขо $\mu i \alpha \iota s, \pi o[\lambda \lambda] \hat{\omega}$ ס̀̀ $\pi \lambda$ éo $\nu$ т $\alpha$ îs $\gamma \rho \alpha \hat{[ }[\mu] \mu \alpha \tau \alpha$
 $\nu v \nu \tau \widehat{\varphi} \mu \grave{\varepsilon} \nu$ кór $\mu \omega \quad \tau \bar{\eta} s \in \dot{v}-$ $\pi \alpha ı \delta \epsilon i ́ a s ~ \epsilon u ̉ \tau u \chi \eta ́ \sigma \alpha \sigma \alpha$,

 15 סvva $\mu \hat{\nu} \nu \eta$, vinò $\pi \epsilon \rho \tau \sigma \sigma \hat{\eta} s$
$\dot{\alpha} \sigma \phi \alpha \lambda \epsilon i ́ \alpha s \delta_{\alpha \dot{\alpha}} \tau 0 u ́ \tau \omega \nu \mu$ $\tau \widehat{\omega}[\nu] \beta \iota \beta \lambda \epsilon \iota \delta i \omega \nu \quad \pi \rho \sigma \sigma \phi \omega\langle\nu \hat{\omega}\rangle$ $\tau \hat{\varphi} \sigma \hat{\varphi} \mu \epsilon \gamma^{\prime} \theta_{l}$ т $\pi \rho \grave{s}$ тò $\delta \dot{v} \nu \alpha-$ $\sigma \theta \alpha \iota \stackrel{\alpha}{\nu} \in \mu \pi \sigma \delta i ́ \sigma \tau \omega s$ às $\mathfrak{\epsilon} \nu-$ $20 \tau \epsilon \hat{\theta} \theta \in \nu$ тolov̂ $\mu a l$ oik $[0 \nu] 0 \mu i \alpha[s$ $\delta \iota \alpha \pi \rho \alpha ́ \sigma \sigma \epsilon \sigma \theta \alpha l . \quad \grave{\alpha} \xi \iota \omega \widehat{\epsilon} \chi \in[\iota \nu$
 каious $\mu[0] \cup$ '่̇ $\tau \hat{\eta} \sigma \hat{\eta}$ тov̂ $[\delta i \alpha-$



 $\alpha \nu \eta ̀ ~ \delta \iota \epsilon \pi \epsilon \mu \psi \alpha ́ \alpha \mu \eta \nu \quad \pi \rho o ̀ s ~ \epsilon ́-$


'... (Laws have been made), most eminent praefect, which enable women who are honoured with the right of three children to be independent and act without a guardian in all business which they transact, especially those women who know how to write. Accordingly I too, fortunately possessing the honour of being blessed with children, and a writer who am able to write with the greatest ease, in the fullness of my security appeal to your highness by this my application with the object of being enabled to carry out without hindrance all the business which I henceforth transact, and beg you to keep it without prejudice to my rights in your eminence's office, in order that I may obtain your assistance and acknowledge my unfailing gratitude. Farewell. I, Aurelia Thaisous also called Lolliane, sent this for presentation. The roth year, Epeiph 21.

Your application shall be kept in the office.'

1. Something like $\nu o ́ \mu o \iota ~ \gamma \epsilon \gamma^{\prime} \nu \eta \nu \tau a \iota$ is expected, and $\left.\nu o ́ \mu o \iota \mid[\pi a ́] \lambda a_{\imath}{ }^{\iota} \gamma \epsilon\right] \gamma^{\prime}[\nu] \eta \nu \tau[a \iota]$ is possible ; but the vestiges are too slight to afford a real clue, and the verb may have been [. .]ra[.


2. $\pi \rho \sigma \sigma \phi \omega\langle\nu \omega\rangle$ : of the supposed $\phi$ only the tail survives, and the top of the $\sigma$ is lost. $\pi \rho \sigma \sigma[\epsilon \in] \quad \omega$ and $\pi \rho \sigma \sigma[\dot{d}] y \omega$ are both unsatisfactory.
3. àтрокрiт $\boldsymbol{c}$ : cf. P. Leipzig 64. 17, where it seems to mean 'provisionally', and P. Flor. 68. І 3 хшріs $\pi \rho о к \rho i \mu\{\mu\} a \tau о s$.
 1422. 2. The meaning 'list' (cf. e.g. 1551. 16) is inapplicable here.
${ }^{25} \cdot \operatorname{\epsilon i}[\sigma] a \in i$ of $[\mu o i a s: ~ t h e ~ s u p p l e m e n t ~ i s ~ r a t h e r ~ l o n g . ~$
4. Petition concerning Ownership of Slaves.

$$
25 \times 14.9 \mathrm{~cm} .
$$

About A. D. 25 S.
A petition to the deputy-praefect, L. Mussius Aemilianus (11. I-2, n.), concerning the rightful ownership of some slaves. After a prelude in general terms (ll. 4-JO; cf. 1469. 3-5), the writer accuses Syrus, his great-uncle, of having made a false claim to the ownership of two slaves born to a female slave belonging to his mother. This attempted fraud had been accidentally detected, and the writer's mother had taken steps (by petitioning a praefect?; cf. 1.28, n.) to vindicate her rights, which remained undisputed during her lifetime. Shortly before the date of the petition she had died, and complications had evidently arisen in connexion with the bequeathal of the slaves; but after 1. $3^{2}$ the papyrus, which becomes seriously damaged after 1.25 , ceases to be intelligible, and soon afterwards breaks off, apparently at the point where the writer, having finished his narrative, was asking for assistance. Blank spaces,
 ioio ${ }^{2}$ v's (1.26).

On the verso are traces of an expunged document.































 [ $\nu \hat{\omega} \nu \quad$ I6 letters ].. oí кл $\eta \rho o \nu o ́ \mu o l ~ \tau \hat{\omega} \nu \quad \pi \rho о є \iota-$



4－5．$\omega$ of $\pi \rho \circ \chi \epsilon \rho \omega$ corr．7．üтоßa入入єt П．17．［ü］П．27．Above $\tau$ of $\tau[\eta] s$ is an interlinear letter，and others may have been lost．29．$\nu$ of exє $\nu \eta$ corr． 32．$\mu \epsilon \tau a] \lambda>[\lambda] a \xi a \sigma \eta s$ П． $3^{6}$ ． $\bar{v} \pi \eta \rho \chi[\epsilon]$ П．
＇To Lucius Mussius Aemilianus，the most eminent deputy－praefect，from Aurelius Theoninus also called Aphunchis，son of Dioscorus and Taaphunchis，of Oxyrhynchus． The wicked designs of those who are ready to commit crimes by artifice are not only made to be no avail，but are subjected to the decreed penalties of the laws by your active and in all cases unresting vigilance．Accordingly I，being the victim of such designs，appeal to your nobility with the full confidence that I shall obtain the rights due to me，my lord praefect．The statement of my case is as follows．My mother Taaphunchis obtained by inheritance from her mother，Thatres daughter of Apollonius，a serving－maid Thaësis， daughter of a slave born in the house，called Taaphunchis．This slave she registered in the house to house census in the 9th year of the reign of the deified Alexander，and held the ownership and possession of her for herself．On one occasion，when conducting an inquiry concerning building－land and examining the documents in the local public archives，she dis－ covered that a fraud had been committed．She saw that her maternal uncle Syrus son of Apollonius and his wife registered ．．．the children born to Thaësis，Apollonius and Harseis， and alienated the rights of lordship and ownership，which was ．．．and wrong，nay more it was（intolerable ？）that they should take away slaves which did not belong to them as if they were their own．．．．（my mother）did not maintain silence about this fraud，（but presented a petition？）to Titianus Clodianus；and during her lifetime the ownership of Harseis and Apollonius and usufruct of them were undisputed，that is to say ．．．After my mother＇s death ．months ago，．．．the heirs of the aforesaid ．．（made）new（declarations）concerning the slaves ．．＇
 9，and in 1201． 14 on Thoth 27 of the 6 th year of Valerian and Gallienus（Sept．24，258）． In 1201．I（the same day）he is styled praef（ectus）Aeg（ypti），as in P．Ryl．i10． 7 o dıa－ $\sigma \eta \mu o ́ r a \tau o s ~ \dot{\eta} \gamma \epsilon \mu \dot{\omega} \nu$ on an unnamed day of Phaophi of the 7 th year（Sept． 28 －Oct．27，259）． The holders of the praefecture during the reigns of Gallus and Aemilianus，and the first five years of Valerian and Gallienus are unknown；in Decius＇reign Aurelius Appius Sabinus was praefect on July 17，250（C．P．R．20．ii．1），and for the praefects from the 9 th to the 14 th year of Gallienus cf．1487．int．A coin with the inscription $\mathrm{A}(\hat{v}$ roкp $)$ ． $\mathrm{K}($ aiv $)$ ． mil Aipı入ıavós，ascribed by Poole to this Aemilianus（cf．1201．int．），is，as Mr．Milne informs us，a tooled coin of Philippus I，and therefore not really inconsistent with the names Lucius Mussius，of which the praenomen occurs only in 1468.

18．oi $[\kappa o] \pi[\varepsilon \in \delta \omega \nu$ ：oi $[\kappa o] \gamma \in[\nu \hat{\omega} \nu(c f .1 .13)$ is inadmissible．
 in 1.25 ．

25．］$\rho a \nu$ ：it is not quite certain whether the supposed tail of a $\rho$（or possibly t）before

 （e．g．P．Flor． 4.1 ；cf．1468． $\mathbf{I}^{-1} 5$ ），and the two slaves，being described as maîes in 1.22 ， may have been under the age（ $\mathrm{I}_{4}$ ）for paying poll－tax．For the stop after ioio 0 v＇s cf．int． ＇The first word of 1.27 may be a participle［．．］．$\sigma a \mu[\epsilon \in \nu \omega \nu$.

27-8. $\sigma t \omega \pi \eta[\sigma \dot{a}] \sigma \eta$ : $\sigma \omega \pi \pi_{\dot{\prime}}[\sigma a \sigma] a \dot{\eta}$ is inadmissible, but the dative is difficult, and perhaps $\sigma \omega \omega \pi \dot{\eta}[\sigma a] \sigma(a\rangle \dot{\eta} \mu[\dot{\eta} \tau \eta \rho$ should be read or $\sigma \omega \omega \pi \hat{\eta}$. There was a correction in 1.27 (cf. crit. n.), and the construction of $11.26-9$ is very obscure.
28. Titianus Clodianus may well have been a praefect. The application to him was made after A. D. 230 (1. I5) and some little time (cf. l. 29) before the date of 1468.
33. ]. . oi $\kappa \lambda \eta \rho о \nu o ́ \mu o \iota:$ or possibly $\dot{\eta}] \mu \hat{a} s[0] i \kappa \lambda \eta \rho$.; but the termination of the word before $\nu \in a p[\dot{a}] s$ in 1.34 does not suit $\left.\begin{array}{c}\epsilon \\ \pi o \iota \eta \sigma a ́ \mu\end{array}\right] \in[\theta] a$.
35. Perhaps $\mu \eta \delta \epsilon \pi]$ ल́тотє.

## 1469. Petition of Village-Representatives.

$$
10.5 \times 24.3 \mathrm{~cm}
$$

A. D. 298 .

A well preserved petition to Aemilius Rusticianus, an otherwise unknown deputy-praefect (1. I, n.), from two comarchs on bchalf of the village of Païmis which was situated in the western toparchy near the metropolis (1475. 22, n.). Their complaint was concerned with the repair of an embankment, and illustrates the difficulties experienced in carrying out the regulations which had been laid down a few years previously by the dioecetes in 1409. For this state of affairs the multiplication of officials was largely responsible. The embankment in question having broken down was first inspected by the ò $\eta \mu \dot{\sigma}_{\tau} \tau o s \gamma \epsilon \omega \mu \dot{\epsilon} \tau \rho \eta s$, who estimated that 400 vaúßıa (about 600 cubic metres) were required to repair it. The duty of supplying these was imposed upon the village by the $\chi \omega \mu a \tau \epsilon \pi \epsilon \in \kappa \tau \eta$, and 250 vaúßıa had already been dug. With these two officials the villagers seem to have been quite satisfied ; their complaint was directed against a subordinate of the strategus, who intervened at this point, being apparently responsible for the ultimate disposition of the earth among different embankments. This individual from corrupt motives, as the villagers hint, credited them with only 100 of the 250 vaú $\beta \iota a$ which they had dug, the remaining 150 being apparently transferred to another village, and the praefect was accordingly requested to set matters right. P. Thead. 17 (A. D. 332) is another petition to a praefect from a village, represented by three persons of whom at least one, Sakaon, was probably a comarch, though єvapX $\epsilon \in \sigma \pi=\tau a t ~ i n ~ 1.4$ represents, as is remarked by
 of 1468 is across the fibres of the recto and is continued on the verso, which is unusual. Evidently it was a draft or copy, the month being omitted in the date in 1.25 , and the signature in $11.23-4$ being in the same hand as the rest of the document. The Greek is of poor quality ; cf. 11.8 -го, nn., and 11. 16-17.
$\dot{\epsilon} \pi \alpha \alpha^{\rho} \chi^{\omega} \nu \quad \pi \alpha \rho \grave{\alpha} \tau \hat{\omega} \nu \dot{\alpha} \pi \grave{o}$ к $\kappa \dot{\mu} \mu \eta s$




 $\tau \iota s \pi \rho \sigma \chi \omega \rho \eta{ }^{\prime} \sigma \eta \quad \kappa \alpha \theta^{\prime}[\dot{\eta}] \mu \hat{\omega} \nu$
 є́к vóтоv $\tau \hat{\eta} s \dot{\eta} \mu \epsilon \tau \epsilon ́ \rho a s ~ к \omega ́ \mu \eta s$
 únò $\tau 0 \hat{v}$ ठ $\eta \mu \sigma \sigma i o v ~ \gamma \epsilon \omega \mu \epsilon ́-$
 єं $\pi \iota \kappa \epsilon i ́ \mu \in \nu$ оs каӨєíjळע $\dot{\eta} \mu a ̂ s$
 $\mu$ èv oũv $\mu$ óva ク̆pıoтo
 ó $\grave{\epsilon} \pi \grave{\imath} \tau \hat{\omega} \nu \quad \chi \omega \mu a ́ \tau \omega \nu \dot{\alpha} \nu \alpha \beta \alpha \lambda \epsilon i \nu$,
 $[\sigma] \tau \rho \alpha \tau \eta \gamma o \hat{v}$
 $\gamma[\epsilon \omega] \mu \epsilon \tau \rho \eta s$
 $\dot{\alpha} \pi \epsilon \rho \gamma a \sigma i \alpha \nu$


On the verso.
 vavßious $\rho$,
 $\pi \alpha \rho \alpha \sigma \chi \in i \nu$

 ${ }^{\epsilon} \pi \tau \sigma \tau \alpha \mu \epsilon ́ v[0] \nu$,
 $\pi \rho o ́ \sigma o \delta o \nu \grave{\epsilon} \pi \grave{\imath} \sigma \grave{\epsilon}$
 र $\rho \alpha \phi \hat{\eta} s$
 $\pi \rho \circ \sigma \delta[\epsilon \in] \xi[\alpha] \sigma \theta \alpha \iota \quad \dot{\eta} \mu \hat{\imath} \nu$
 є́тоíц[ $\omega s$ ] Єं $\chi$ о́vт $\omega \nu$

 Плоvтí $\nu \stackrel{\text { єै } \gamma \rho \alpha[\psi \alpha]}{ }$
 'Avıкí[0]u
${ }_{2} 5$ [Пau入ívou тò $\beta$ ] каì Oúıpíou Гád入дov.



'To Aemilius Rusticianus, the most illustrious deputy in the most eminent office of praefect, from the inhabitants of the village of Païmis in the western toparchy of the Oxyrhynchite nome, through us, the comarchs of the present year, the Aurelii Pibemis and Nemesianus. It is with difficulty, my lord, that even when justice is shown to us in commands concerning us we could accomplish in full our duties, since, if any advantage of us is taken, our weakness will leave us no escape. There is a public dyke to the south of our village, in which there is a gap and places washed away, naturally requiring embankment. This dyke was estimated by the public land-surveyor to require 400 naubia, and the overseer of labour on dykes set us, the local inhabitants, to work, and made us bank up 250 naubia. Nor was this all that was imposed upon our village, since it resulted in the overseer of dykes making us responsible for the whole 400 naubia; but when the distribution of earth for the said dykes was made by the assistant of the strategus, who came first, probably for the sake of base profit-for it is the practice of the public land-surveyor, being cognizant of the localities themselves, to assign the repairs of each dyke to the neighbouring population in accordance with the size of each village-he for gain, as I said, credited us with 100 naubia, although we had already banked up 250 , clearly proposing to assign the remaining $I_{50}$ naubia to others. Since the official entrusted with the dykes by the praefecture than whom there is no better witness, knows of the work done by us, and the unfairness of the assistant of the strategus is evident, we appeal to you by this petition, entreating you to order by your sacred signature whomsoever your highness may approve of, or the overseer of dykes, to measure the embankment again, and to credit us with the naubia which we have previously banked up on the said dyke, we being ready to perform any other work which you may choose for us in the locality to which we were ordered.

We, the Aurelii Pibemis and Nemesianus, sent the petition to be presented. I, Aurelius Plution, wrote it on their behalf at their request, as they stated that they were illiterate. In the consulship of Anicius Paulinus for the second time and Virius Gallus.'


frequently in inscriptions, especially those referring to praefects of the Praetorian guard or of Syria (cf. Magie, De Roman. vocab. sollemn. 103-4), but in Egypt is very rare. The only
 referring to ${ }^{\circ}$ dux of the Thebaid. The division of Egypt into three provinces, Jovia, Herculia, and Thebais, is generally assigned to A.D. 297, i. e. the year before that in which 1469 was written, so that Aemilius Rusticianus might be a praeses Herculiae; but petitions to the praefect of Egypt from inhabitants of Herculia in the reign of Diocletian or shortly after are common, e. g. 1470 (cf. Gelzer, Studien, 5), and that official is more likely to be meant here. The ordinary epithet of both the praefect of Egypt and the praesides of Herculia and Thebais was סıaənцótatos (perfectissimus) at this period. On Aug. 19, 299, the praefect of Egypt was Aelius Publius (1418. 29, n.).

6. Scákoтos: cf. 1409. i6, n.
7. $v[a v] \beta i \omega v v:$ cf. int. and 1409. 20, 1427. 3, nn.


 14, n. $\dot{\epsilon} \pi \iota \kappa \epsilon i \mu \in \nu o s$ had occurred in 1. 7 .

IO. $\bar{\epsilon} \pi \epsilon \delta \delta^{\prime} \eta$ : this sentence is incomplete, the writer starting on a parenthesis in I. I I, and having forgotten the construction when 1. I4 is reached.
 certainly a blank in the corresponding space, it appears that a piece of the upper layer had flaked off before the papyrus was written upon. In both 11.12 and 13 the space below кєp is also blank, though the upper layer is preserved.
12. av่ $\hat{\omega} \nu$ is not very satisfactory, especially as the $\tau$ is very doubtful and there would be room for another letter in the lacuna after tón $\pi[\nu, \nu]$ av́ $\beta[l] a \nu$ (but not $\nu] a v \beta\left[{ }_{i}{ }^{i} \omega \nu\right)$ could be read; but even if the space before поьó $\mu \epsilon \nu=s$ was not blank and contained a word of five letters, it is difficult to find any construction for another substantive. An adjective making a complement of $\pi о \iota o u ́ \mu \epsilon \nu o s$ and governing tois $\pi \lambda \eta \sigma i o \nu$ oikoi $[\sigma]_{c}$ would be suitable, or
 read. But $\dot{\alpha}[\kappa 0 \lambda o v \theta] \epsilon \hat{\imath} \tau \hat{\varphi}$ suits the vestiges there better, and part of the $\epsilon$ of $\dot{\varepsilon} \kappa \alpha ́ \sigma \tau(\eta s)$ is written on the lower layer, there being probably a blank before it ; cf. l. I i, n.

2 I. $\nu a i \not \beta \iota a\{\nu\}$ : $\nu a v ́ ß ı a\langle\sigma\rangle \nu($ Cf. I. I 5 ) is improbable; for there is no sign of $\nu$ here being intended for a figure, and the preceding $a$ is corrected ; cf. crit. n.

## 1470. Petition Concerning Ownership of Land.

$$
20.8 \times 24.8 \mathrm{~cm} . \quad \text { A. D. } 336
$$

The chronological order of the three documents on this papyrus is the reverse of their actual order, the second and third being cnclosures; cf. 66-7 and P. Thead. 18. The earliest (1l. 9-18) is a petition to the praefect Flavius Philagrius (l. 4, n.) from a woman called Theodora, whose father, a veteran, had shortly before his death purchased a piece of land in her name. Although the price had been paid to the seller, possession of the land had somehow passed to the seller's brother, Demetrianus, and since he refused to give it up Theodora appealed for assistance. This was granted hor by a letter (ll. 6-8) from the
praefect to an official of the Oxyrhynchite nome, forwarding the petition and giving instructions for the settlement of the dispute. A copy of this letter was forwarded by Theodora to the official, with an explanatory note (11. I-5), the document having been drawn up probably in his bureau. The loss of $25-30$ letters (in 11. I and 9, where the restorations are certain, 28 and 27 letters) at the beginnings of lines, though these are often capable of restoration, leaves some points obscure, especially the nature of Demetrianus' claim to the land, and the rank of the nome-official addressed in the first two documents. In A. D. $33^{6}$ the logistes or the defensor rather than the strategus would be expected to be found in such a context; cf. 1426. 3-4, nn. But the name of the logistes on the 30 th of the month in which 1470 was written is known from 1265. 5 to have been A $\hat{\rho}$ भ́入ıos Пapávlos ó кail Maкpóßıos, for whose full name there is not room in 1.3 (in 1. 6 probably only the title was given); and two months later than 1470
 equally difficult to suppose that the defensor was addressed, especially since the Nilus (?) who is mentioned in 1. 16 may be identical with the official addressed in 11.3 and 6 . Hence there are strong grounds for supposing that the official in question was the strategus, who in 357 is coupled with the logistes in 66, an application corresponding to 1470 with the addition of the answer of the officials addressed. $\mathbf{6 7}$, which is arranged on a similar plan, is addressed to a $\pi \rho о \pi о \lambda \iota \tau \epsilon v o ́ \mu \epsilon \nu o s$, but this is too long a title for 1. 6.

 ${ }_{\alpha}^{\alpha} \pi{ }^{\circ} \delta \iota \chi \theta \eta \sigma o \mu[$ évols




 є́ $\sigma \tau i v$ ávтíypaфov.


 $\dot{\alpha} \pi 0 \delta o \hat{\nu} \nu \alpha \iota, \vec{\eta} \in[\uparrow] \dot{\alpha} \nu \tau \iota \lambda \epsilon ́ \gamma o v \sigma \iota$







 $\beta \alpha \lambda\{\epsilon\} o ́ \mu \epsilon \nu 0 s ~ \tau \grave{\eta} \nu \quad \sigma \nu \mu \phi \omega \nu \eta[\theta \in i \overline{]} \sigma \alpha \nu \quad \tau \iota \mu \eta े \nu$


 $\dot{\alpha} \pi \sigma \delta o \mu \epsilon ́ v o v[\hat{\epsilon} \lambda] \pi i ́ \sigma \alpha s ~ \tau \grave{\eta} \nu$




 o . . . . . [ 14 1. ]. $\mu \alpha \sigma \iota$


1. oos of tots corr. from $\omega \nu(\mathfrak{?})$, i. e. the scribe began to write $\tau \hat{\omega} \nu \lambda a \mu \pi(\rho o \tau a ́ \tau \omega \nu) ;$ cf. 1265. 4. 8. o of $\epsilon \rho \rho \omega \sigma \sigma$ corr. from $\omega$. 10 . o of $\pi a \sigma \iota \pi \epsilon \nu \tau \omega \sigma$ and $\omega$ of $\sigma \epsilon \nu \tau \omega$ corr. II.
 16. $\eta$ of $\epsilon \pi \iota \kappa \rho \iota \nu \eta$ s corr. 17. l. $\mu \epsilon$.
'The year after the consulship of Julius Constantius, patrician, brother of our master Constantinus Augustus, and Rufius Albinus, under the consuls to be appointed, Phamenoth.

To . . ., strategus (?) of the Oxyrhynchite nome, from Aurelia Theodora daughter of Eudaemon, formerly a veteran, of the said city. A copy of the petition which I presented, appealing to the nobility of my lord Philagrius, the most illustrious praefect of Egypt, and of the communication which I received from him ordering that his commands should be carried out, is as follows :
"Flavius Philagrius to the strategus (?) of the Oxyrhynchite nome. Aurelia Theodora having presented a petition of which the copy is appended . . ., See that . ... if they acknowledge her claim it is restored to her, or if they object.... Farewell." Copy of the petition.
"To Flavius Philagrius, the most illustrious praefect of Egypt, from Aurelia Theodora daughter of Eudaemon also called..., formerly a veteran, of Oxyrhynchus. My father in his lifetime bought from Pasipentoüs son of Melas, of the said city, in the area of the village of Sento of the Oxyrhynchite nome in the holding of Apollophanes, plot 109, registered in the name of Se.onius Pasis and Inaroous..., one and a quarter arurae, $1 \frac{1}{4}$
aru．，of ．．．land，and paid him in full the price agreed upon ．．．in accordance with the sale which had been effected and had been arranged in my name．Somehow Demetrianus ．．． Demetrianus，the brother of the man who sold the land to my father，hoping to alienate this land and despising my orphan condition．Wherefore I need your protection，most illus－ trious praefect，and beg you to give orders through ．．Nilus（？），if you so decide，that the said Demetrianus should be compelled to restore the land to me ．．．in order that I may by recovering it be enabled to ．．．Presented by me，Aurelia Theodora＂．＇

1．Cf．1265．1－4．This line apparently projected to the left．On Pachon 6 （May 1） the consuls of the year were known（901．1）．

3．N $\epsilon i \lambda \omega$ should perhaps be restored；cf．1．16，n．，and int．
 $[\gamma \in \nu 0]$ иévov oúєтpavoû is to be restored．

4．Фıдaypiov：this praefect is known from references in St ．Athanasius to have held office from 334－6 and again from 338－40（cf．Cantarelli，Prefetti，ii．25－6）；but he has not previously occurred on a papyrus．

5．For $\chi \rho \eta \mu a \tau \iota \sigma \mu о \hat{v}$ cf．1472．3．66． 20 has àmoфá⿱㇒日⿱s at this point．

6．àritumov：the use of this word as equivalent to àviypaфov seems to be new．
7．$\phi\left[\rho \rho_{v \tau}\right] \& \zeta[\epsilon:$ cf．67．io фоóvtıaov at the corresponding point．
10．$\Sigma \epsilon \nu \tau \dot{\omega}$ ：a village in the middle toparchy；cf．1285．Iog．
11．$\kappa\langle 0\rangle\rangle \bar{\omega} \nu \dot{\epsilon} \kappa a \tau\langle\dot{O}\rangle \nu \dot{\epsilon} \nu \nu\langle\dot{\epsilon}\rangle a: \kappa o i \neq \eta$ as a parcel of land is used in Hermopolite papyri where Arsinoïte papyri have $\sigma \phi \rho a \gamma i s$ ．For the numbering of $\sigma \phi \rho a \gamma \hat{i} \hat{\epsilon} s$ and кoitrat in the wider sense of subdivisions of village－lands cf．918．and Preisigke，S．B．4296， $43^{25}$ ．

12．The initial lacuna no doubt contained a patronymic，followed by an adjective such as $\sigma \iota \tau \kappa \bar{\eta} \mathrm{s}$ ．

13．$\Delta \eta \mu \eta \tau \rho\left[a \nu o ́ s:\right.$ or possibly $\Delta \eta \mu \dot{\eta} \tau \rho\left[\right.$［os，since $\Delta \eta \mu \eta \eta^{\prime} \rho \iota o \nu$ is admissible in l． 16 and $\Delta \eta \mu \eta \tau \rho t a v o v i ~ i n ~ l . ~ 14 ~ m i g h t ~ b e ~ a ~ d i f f e r e n t ~ p e r s o n . ~$
 or ］potoov could be read，but suggests no suitable name；］$\quad$ oo $\delta\langle\iota\rangle^{\prime}$ ov̉（cf．e．g．1469．20）is unlikely，though a name without a title is not very satisfactory．

## VII．NOTIFICATION．S TO ARCHIDICASTAE

1471．Contract of Loan．
$22.5 \times 9.4 \mathrm{~cm}$ ．
A．D． 8 I ．
A contract for the loan of $3^{8}$ drachmae for four months at the usual 12 per cent．rate of interest，in the form of a $\sigma v \gamma \chi \omega \rho \eta \sigma \iota s$ addressed to the otherwise unknown archidicastes Pallas，who may have been related to the well－known freedman of that name in the reign of Nero．This class of public contracts， as distinguished from private $\chi \in \rho o ́ \gamma \rho a \phi a$ ，is illustrated by numerous Alexandrian papyri of the reign of Augustus in B．G．U．iv ；cf．Koschaker，Zeitschr．f． Savignyst．xxviii． 270 sqq．，Schubart，Archiv，v． 47 sqq．，Lewald，Röm．ägypt．

Grundbuchrecht, 87-91, Mitteis, Grundz. 65-7. As is the case with most of the later $\sigma v \gamma x \omega \rho \eta \boldsymbol{\sigma} \epsilon \epsilon$, one of the parties was a Roman citizen; cf. 727. int. 1471, of which the formula closely resembles that of B.G.U. 1056 and II47.1-22, is interesting on account of the occurrence of the $\dot{\alpha} \gamma \omega \boldsymbol{\omega} \boldsymbol{\mu} \boldsymbol{\sigma}$ clause (11. 22-3), found only in the Alexandrian $\sigma v \gamma \chi \omega \rho \eta \sigma \epsilon \iota$. The distinction between the right of personal execu-
 када́тєр є̀к дíкүs (cf. 11. 29-32) is discussed at length by Lewald, Zur Personalexekution im Recht d. Pap. 27 sqq., but without attaining to a very definite conclusion. Apparently some kind of immediate obligation to personal service was meant ; cf. Mitteis, Grundz. 46. In the Alexandrian $\sigma v \gamma x \omega \rho \eta \eta^{\sigma} \epsilon \in \iota$ containing this clause, with one exception (B. G. U. II56), the debtor who was ày $\begin{aligned} & \text { y }\end{aligned}$ uos was a Persian of the Epigone, and it has been generally supposed that there was a special connexion between that class and this mode of execution. 1471 is incompletely preserved at this point ( 1.7 ); but the reading $\Pi \epsilon[\rho \sigma$ ivns is preferable there to $\tau 0 \hat{v}[. . .$. , and is confirmed by 1839 ( 22 B. C.), where the debtors who
 through, showing that the loan had been repaid.
 $\dot{\epsilon} \pi \iota \mu \epsilon \lambda \epsilon i \alpha, \tau \hat{\omega} \nu \quad \chi \rho \eta[\mu \alpha] \tau \iota \sigma \tau \hat{\omega} \nu$ к $\alpha i$ т $\hat{\omega} \nu \quad$ ă $\lambda[\lambda \omega \nu$ крıт $\quad$ í $\omega \nu$


Kaírapos $\triangle$ oplтıavôv $\Sigma \in \beta \alpha \sigma \tau o \hat{v}$




 ò̀v $\dot{\eta} \mu \mathrm{o} \lambda i ́ a, ~ \tau[o ̀ ̀ s] ~ \delta \grave{\epsilon}$ тókous





 $[\Sigma \epsilon \beta] \alpha \sigma[\tau o \hat{v} T \hat{\nu} \beta \iota] \epsilon$.
2nd hand? [ 21 letters ]. [ 101.
6. $\iota \mu[$ of $\epsilon \tau \epsilon \mu[\omega s$ corr.
16. I. oũs for ov.
' Debt : sheet [.] 3 .
To Pallas, priest, archidicastes, and superintendent of the chrematistae and the other courts, from M. Longinus Castresius, an honourably discharged veteran, and from Teteoris daughter of P . . ., Persian, with her guardian, her son . . ., both inhabitants of the metropolis of the Oxyrhynchite nome, Teteoris acknowledges that she has received from M. Longinus Castresius from hand to hand a loan of 38 drachmae of Imperial silver coin at the interest of 1 drachma per mina each month, which she is to pay regularly to M. Longinus Castresius, and is bound to return the capital in four months from Tubi of the present ist year of the Emperor Caesar Domitianus Augustus without any delay ; otherwise she is liable to arrest and detention until she pays in full to M. Longinus Castresius forthwith the loan of 38 drachmae of silver increased by one half, and the interest, and the interest for overtime at the same rate, M. Longinus Castresius having the right of execution upon both Teteoris and all her property, as if by a legal decision.' Date and signature of an official (?).

1. The numbering of $\sigma v \gamma \chi \omega \rho \dot{\eta} \sigma \epsilon!s$ by ко $\lambda \lambda \dot{\eta} \mu а т а$ is common in the Alexandrian examples.
2. $\mathrm{K}[$ aotp $] \boldsymbol{\eta}$ iov : cf. $11.12,17,24$, which show that it is part of M. Longinus' name, though in origin probably a title meaning 'born in the camp'; cf, kactpīts in P. Hamb. 31.14.
3. $\Pi \in[\rho \sigma i \nu \eta s: c f$. int.


${ }^{25}$. $\pi а р а \chi \rho \bar{\eta} \mu a$ : in the Alexandrian $\sigma v \gamma \chi \omega \rho \dot{\eta} \sigma \epsilon \iota \varsigma$ concerning loans this word precedes à ${ }^{\prime} \gamma \not \mu \rho \nu$ (cf. l. 22), where it is more suitably placed.
4. $\Sigma v \gamma \chi^{\omega} \rho \dot{\eta} \sigma \epsilon \epsilon s$ usually have $\dot{a} \xi \iota o \hat{\imath} \mu \epsilon \nu$ at the end before the date, but $\dot{d} \xi \imath o \hat{\mu} \mu \epsilon \nu$ is also omitted in B. G. U. 74 I .
5. $[\mathrm{T} \hat{\imath} \beta \iota] \in(\mathrm{cf} . \mathrm{l} .19)=$ Dec. 31. The accession of Domitian, which took place on Sept. I3, was known in Egypt before Dec. 6 (P. Brit. Mus. 283 ).
6. This line, below which probably nothing is lost, presumably contained the signature of an official in the office of the archidicastes. At this point 268 has a name followed by катакє $[\chi]$ ब́pьттаь, 727 a name and an abbreviated word, B. G. U. 729 an undeciphered Latin subscription.

## 1472. Application concerning Deposits.

$15 \times 12.8 \mathrm{~cm}$.
A. D. $13^{6 .}$

An application, similar to 1270 , to a strategus from a man who had lent some corn on deposit and wished to recover it from the heir of his debtor, enclosing an authorization from the deputy-archidicastes (ll. 8-13, n.) to the strategus for the serving of notice ( $\mu \in \tau$ áóoaıs) upon the heir (ll. 4-7), this being an answer to an application from the creditor (ll. 8 sqq.). The conclusions of the two applications, corresponding to 1270. 50-61, are lost.

This class of papyri concerning the archidicastes and arranged on the same plan falls into four main groups: (I) B. G. U. 239, 614, 832, 1038, P. Flor. 55-6, Giessen 34 , in which the applicant cites in his favour the $i \pi \sigma \gamma \rho a \phi \eta$ of a praefect to a petition or the result of legal proceedings before the archidicastes; (2) 286, 485, B. G. U. 888, P. Flor. 68, 86, in which the contract violated was a $\delta \eta \mu o \sigma^{\prime} \sigma t o s$ $\chi \rho \eta \mu a \tau \iota \sigma \mu$ ós (i.e. either a notarial agreement, or a $\sigma v \gamma \chi \omega \rho \eta \sigma \iota s$ like 1471, or a $\delta \iota a \gamma \rho a \phi \eta$ of a bank; cf. Mitteis, Grundz. $5^{8-72}$ ), and the substance of it was quoted ; (3) 719, 1473-4, 1560, B. G. U. 578, P. Flor. 40 (?), Griech. Texte, 6, Preisigke, S.B. 5692 (?), in which the contract in question was a private $\chi \in \iota \rho o ́-$ ypaфov, so that the application was for registration at Alexandria ( $\delta \eta \mu \nu \sigma i \omega \sigma \iota s$ ) as well as $\mu \epsilon \tau \alpha \dot{\delta} \delta \sigma \iota \iota$, the contract (in Griech. Texte, 6 an $\dot{\epsilon} \pi i \sigma \tau a \lambda \mu a$ to a banker) being quoted in full ; (4) 1200, 1475, 1561, B. G. U. 455, 717 , P. Leipzig to, P.S.I. 74, in which the application was for $\delta \eta \mu \sigma \sigma i \omega \sigma \iota s$ only, with a view to the information of the $\beta \iota \beta \lambda \iota о \phi \dot{\lambda} \alpha \kappa \epsilon s$ т $\hat{\omega} \nu \dot{\epsilon} \gamma \kappa \tau \dot{\eta} \sigma \epsilon \omega \nu$, the contract being, as in (3), quoted in full. With regard to 1270, 1472, and P. Brit. Mus. 908 (iii. I32) the difficulty arises that while only the substance of the contracts is given, as in (2), these are described in terms which do not necessarily imply that they

 the à $\sigma \neq a ́ \lambda \epsilon \iota a \iota$ in 1473. 26, 1474. 10, which required $\delta \eta \mu \sigma \sigma i \omega \sigma \iota s)$. Possibly, as suggested in 1270. int. with reference to the $\dot{\delta} \mu \boldsymbol{1}$ oyia in question, the contract
was really notarial in all three cases, and these do not really differ from the examples in class (2); but private $\chi \in \epsilon \rho \dot{\gamma} \gamma \rho a \phi a$ seem to have been accepted as evidence in actions at law, at any rate in the second century (cf. 1408. 5, n.), and the practice of $\delta \eta \mu \sigma \sigma i \omega \sigma$ s clearly became much more general in the third century, when a clause concerning it was regularly inserted at the end of certain classes of contracts (e.g. 1473. 17-18). A comparison of the dates of these three papyri and those in class (2) with the dates of those in classes (3) and (4) rather suggests that before the reign of Marcus Aurelius (P. Flor. 40) or Commodus (B. G. U. 578 ) applications to the archidicastes for $\mu \in \tau$ ádoo $\iota$ were made without much respect to the question whether the contract in question was $\delta \eta \mu$ órıos.

On the archidicastes see 1412. 1-3, n., Koschaker, Zeitschr. f. Savignyst. xxviii. 254 sqq., xxix. I sqq., on the process of $\mu \in \tau$ áóorıs Mitteis, Grundz. 124 sqq., and on $\delta \eta \mu 0 \sigma i \omega \sigma \iota s$ Mitteis, op. cit. 84-7, Jörs, Zeitschr. f. Savignyst. xxxiv. 107 sqq. (especially in its relation to the process of $\mathfrak{e} \kappa \mu a \rho \tau \dot{\rho} \rho \eta \sigma \iota s$, illustrated by 1562), 1268. 17-19, n.
'Aтo入ıข $\rho^{\prime} \dot{\omega} \iota \quad \sigma \tau \rho \alpha(\tau \eta \gamma \hat{\varphi})$





















$[\tau] \rho \iota \hat{\omega} \nu, \hat{\omega} \nu \pi \alpha \dot{\alpha} \nu \tau \omega \nu \tau \grave{\eta} \nu \dot{\alpha} \pi o ́ \delta o \sigma \iota \nu \dot{\omega} \mu о \lambda o ́ y \eta \sigma \in \nu \pi o \iota \eta-$








| Fr. 1. | Fr. 2. |
| :---: | :---: |
| $] \cdot \omega[$ | $] \rho \cdot[$ |
| $] a \nu[$ | $] \cdot \theta \eta[$ |
| $] a \phi \eta[$ | $\underline{\mu} \cdot[$ |
| $]] \cdot[$ | $] \xi a[$ |

'To Apollinarius, strategus, from Heraclas also called Heraclides son of Heraclas, of Oxyrhynchus. A copy of the communication which I received from the record-office is appended.

Demetrius also called Domitius, deputy-archidicastes, to the strategus of the Oxyrhynchite nome, greeting. Give instructions that a copy of the memorandum which has been presented be served, as follows. Good-bye. The zoth year of the Emperor Caesar Trajanus Hadrianus Augustus, Epeiph 5.

To Aelianus son of the former exegetes Euphranor, neocoros of the great Sarapis, formerly praefect of the second cavalry cohort of the Commagenes, priest, archidicastes, and superintendent of the chrematistae and other courts, through Demetrius also called Domitius, exegetes-elect and deputy-archidicastes, from Heraclas also called Heraclides, son of Heraclas, of Oxyrhynchus. Whereas I am owed by Diogenes son of Heraclides son of Mincion, of the said city, in accordance with two written deeds of security made in the 12 th year of Hadrianus Caesar the lord, the first in Thoth, for deposit, $24 \frac{1}{2}$ artabae 9 choenices of barley by the public $\frac{1}{2}$-artaba measure, and the second in Phamenoth of the said 12 th year, likewise for deposit, 24 art. 3 choen. of wheat by the public $\frac{1}{2}$-artaba measure, all of which he agreed to repay me whenever I choose, in addition to taxes on sale and assignment of land, and whereas the periods have elapsed and no repayment has been made and Diogenes has died leaving as his heir his son ..., I beg you to give instructions for a letter to be written to the strategus of the Oxyrlyynchite nome, stating that he is to serve a copy of this memorandum upon . . ."'
I. 'Amodıvapít: he was still strategus on Mecheir 3 of the 2 2nd year (484. 2; cf. 579, which is undated).
7. The signature of a subordinate of the archidicastes and that of the clerk who wrote the oiкovoцia (cf. 1474. $6-7, \mathrm{nn}$.) are customary after the date at this point.

8-1 3. Neither Aelianus nor his deputy Demetrius also called Domitius was known previously. A year before the date of 1472 Claudius Philoxenus was archidicastes (B. G. U. 73. $3^{-5},{ }^{1} 36.2^{2}-4$ ), and two years after it Nicolaus was deputy (P. Brit. Mus. 1222. $3=$ iii. 126). For the association of the office with that of $\nu \in \omega \kappa \delta \rho_{\rho o s ~}$ of Sarapis cf. Koschaker, op. cit. 261. The occurrence of an ex-soldier as archidicastes is somewhat unusual; cf. Koschaker, op. cil. 260. The cohors ii Flavia Commagenorum equitata is only known to have been stationed in Dacia (cf. Pauly-Wissowa, Realencycl. iv.
 a $\pi \rho \circ \sigma \kappa \dot{v} \eta \eta \mu a$ of soldiers belonging to an $\left.\epsilon^{\prime i}\right] \lambda \eta$ Kо $\mu \mu a \gamma \eta \nu \omega \bar{\nu}$ occurs in C. I. G. 5057 , an inscription at Talmis ; cf. Preisigke, S.B. 4575 . The mention of the rank of Aelianus' deputy (exegetes-elect) is interesting, since the other references to deputy-archidicastae give no information on this point. The office of archidicastes was sometimes combined with that of
 $\dot{\alpha} \rho x i \delta \iota \kappa a \sigma \tau \hat{\eta})$, but, as the order in B. G. U. 614 indicates, was superior to it, the exegetes ranking next below the gymnasiarch at Alexandria, as in the nomes; cf. 1412. $\mathrm{I}-3, \mathrm{n}$.
${ }^{\text {r 5 5 }}$. Cf. P. Brit. Mus. 908.22 sqq. (iii. 133; = M. Chrest. 229), where in the restoration of 1. $23 \kappa a \theta^{\prime} \eta^{\prime \prime} \nu$ is to be omitted, and in 1. 26 ['A $\left.{ }^{\prime} \rho o \delta i \sigma \iota o s\right]$ to be supplied.
19. $\dot{\eta} \mu$ нартаßi $\varphi$ is new in connexion with $\mu$ ќт $\rho \oplus$, but is perhaps to be restored in 1454.9.



${ }^{25-7 . \nu} \boldsymbol{k a t}, v \iota$ of $\gamma[\epsilon] \gamma[\rho v] v[[a]$ s and $\omega v i[\omega]$ were on a separate fragment, which is not certainly placed here, especially as каi [ is not very satisfactory and каi $\chi[$ might be read.

27. The word after vi[ $\hat{\varphi}]$ is presumably a proper name ; cf. Griech. Texie, 6. 22-3. $] \pi 0[$ in 1. 29 suggests $i] \pi \dot{f}[\chi \rho \epsilon \mid \omega$ (cf. e. g. P. Flor. 56. 14), but $\dot{\eta}[\mu \epsilon \tau \epsilon \rho \varphi \dot{i}]$ does not fill the lacuna.

28-9. For $\dot{\epsilon} \pi \iota] \delta o[\hat{\imath}] \quad v a[\iota$ cf. 485. 29 ; but the vestiges do not suit very well, and it is doubtful whether there is room for $\epsilon \pi \iota-$. For the restoration of the end of $1.29 \mathrm{cf} 1.27,$.n .
33. ]v[.]av might belong to $\left.\mu^{\prime} \nu 0\right]{ }^{\prime}[\sigma] a \nu \mid[\kappa v \rho i a \nu:$ cf 1270. $52-3$.

Fr. I. 2. ]av[ does not belong to [ivri] yoa ( $\phi o \nu$ ) in 1. 29.
 expected in 1. 3 I , and the slight traces of $11.30-2$ do not fit into the formula of 485 or $\mathbf{1 2 7 0}$.

## 1473. Application concerning a Remarriage.

A. D. 201 .

An application to a strategus from Horion, enclosing an authorization from the archidicastes for the serving of notice ( $\mu \in \tau$ ádoo $\iota s$ ) upon Horion's wife Apollonarion, following upon the registration at Alexandria ( $\delta \eta \mu \circ \sigma i \omega \sigma \iota s)$ of the contract for their remarriage ; cf. 1472. int. The earlier part of the papyrus, which is lost, but must have corresponded in arrangement to e.g. 1474, contained
(a) the beginning of the application to the strategus, $(b)$ the authorization of the archidicastes, and the beginnings of (c) Horion's application to the archidicastes and (d) the contract. Lines $1-36$ give the rest of (d), including in 11. 19-33 (e) an application from Apollonarion to the deputy-strategus for the appointment of a guardian ad hoc, and his authorization. This is followed by the conclusion of (c) (11. 37-42) with copies of the signatures of a scribe of the archidicastes
 and the conclusion of (a) (11.43-5). The documents are arranged, as usual, in the reverse of their chronological order.

The contract for remarriage is of an uncommon type; cf. B. G. U. IIOI (13 B. C.). The date of the original marriage does not appear, but it must have taken place before 194, since the offspring of it was aged 5 in 198-9 (1. 10). Apollonarion, who owned property (1. I3) besides her dowry (1. 5), became indebted both to the State in connexion with some vine-land (l. 3, n.) and to other creditors (ll. $4,7-8,15$ ), and these debts may well have been connected with the separation. In Thoth (Aug. 29-Sept. 27) I97 the claims of the original contract were disposed of by a document of the nature of a divorce, apparently drawn up by a bank (1.6, n.). By this the wife's dowry was repaid by Horion to Apollonarion, who made it over to her creditors (1.5), and the legitimacy of the offspring was recognized (1.9). Horion did not, however, break off relations with his former wife, for in the course of the same year 197-8 he lent her money to pay her dues to the State (11. 26-7), and before Pharmouthi I (March 27) had arranged to remarry her (1. 32). The actual contract, which was between the husband and wife like the Alexandrian $\sigma v \gamma \chi \omega \rho \dot{\eta} \sigma \epsilon \epsilon$ concerning marriage in B.G.U. iv, and not, as in most other marriagecontracts, between the husband and the parents of the wife, was drawn up on Pharmouthi 13 (April 8). There was probably no fresh dowry, such as is found in B.G.U. IIOI, for there is no reference to a repayment of it in the provisions concerning divorce (ll. II-16; cf. 1273. 25 sqq.) ; but Horion lent Apollonarion $2 \frac{1}{2}$ talents (ll. 34-5), and received security for the repayment of her debts both to himself and other creditors, being empowered to receive the revenues of her property until all claims had been satisfied (ll. I-$8,12-16$ ). The legitimacy of the offspring was the subject of a rencwed declaration (11. 8-Io).

The application for a guardian and the response (11. 19-33) are parallcl to P. Tebt. 397, Brit. Mus. II64. (a) (iii. 156 ; cf. Wilcken, Archiv, iv. 550), and 56 (application only). The concluding sections (11. 37-45) follow the formula of 719, so far as that papyrus goes, and show the correct restoration of a rather important lacuna in it (ll. $37-8, \mathrm{n}$.). The brief request to the strategus for
$\mu \in \tau$ ádoovıs (11. 43-4; cf. 1270. $57^{-8}$ ) does not indicate any breach of the contract, and seems to be merely a precautionary measure, the $\delta \eta \mu \sigma \sigma^{\prime} \omega \sigma \iota s$ of contracts becoming frequent in the third century ; cf. $11 . \mathrm{r} 7-\mathrm{I} 8, \mathrm{n}$. and 1472. int. The strategus himself is likely to have been Dioph(anes), who was in office at the end of the 8th year (199-200) ; cf. 899. int.
[ 73 letters ]... [. .].. [ 18 l.



































 $\mu \in \nu O S$ т $̀ \nu \quad \sigma \tau \rho a \tau \eta \gamma i ́ \alpha \nu \cdot \epsilon i \quad \mu \eta \delta^{\prime} \epsilon \nu \dot{\alpha} \nu \tau \iota \pi \epsilon i \pi \tau \tau \epsilon, \mu \eta \delta \epsilon \nu \grave{s} s \delta^{\prime} \eta$ -














 $\sigma u \mu \phi \dot{\omega} \nu 0 v \pi \epsilon \rho \grave{\imath} \tau \hat{\eta} s \quad \sigma \nu \mu \beta \iota \omega \sigma \epsilon \omega s \dot{\eta} \mu \hat{\omega} \nu$ ठı $\alpha \sigma \tau 0 \lambda \alpha \hat{i} S$,










$\tau \alpha ́ \lambda \alpha \nu \tau[\alpha \beta] \stackrel{\eta}{\eta}[\mu]!\sigma v, \gamma \epsilon i \nu 0 \nu[\tau] \alpha \iota \delta[\rho] \alpha \chi[\mu] \alpha i \quad \mu v ́ \rho[\iota] \alpha \iota$ є́ $\pi \tau \alpha \kappa \iota \sigma \chi \epsilon i ́ \lambda \iota \alpha \iota, \kappa \alpha[i]$ єủ-

35 '́ $\pi \iota \gamma^{\prime} \gamma[\rho \alpha] \mu \mu \alpha \iota \quad \tau \hat{\eta} S$ 'A














 $\Sigma_{i} \in \pi \tau \iota \mu i ́-$


 K $[\iota \sigma \alpha ́ \rho] \omega \nu$ Movкíov $\Sigma \epsilon \pi \tau \iota \mu i ́ o v ~ \Sigma[\epsilon] o v \eta ́ \rho o v ~ E v ́ \sigma \epsilon \beta o u ̂ s ~ \Pi \epsilon \rho \tau i v a к o s ~ ' A \rho \alpha-~$ $\beta \iota \kappa o v ̂$

 $\sum_{\epsilon} \beta \alpha \sigma \tau \circ \hat{v}$ Пav̂vı!.

Fr. I.
]avvı . [

Fr. 2.
] $\kappa a[$



 24. l. $\pi \sigma \iota o v \mu \epsilon ́ \nu \eta$. 25. ієракоя $\Pi$; so in l. 35. Dots are placed over кata $\sigma v \nu . \quad$ 29. $\mu$ of
 Third o of $\beta o v \lambda o \mu \epsilon \nu o s$ corr. from $\eta$. 40. $\ddot{v o \mu}[\nu \eta \mu a \tau \iota]$. First $\beta$ of $\beta \iota \beta \lambda \epsilon \iota \theta \eta \kappa \eta \nu$ corr.

'... drachmae at the interest of 1 drachma per mina each month, apart from the three talents and more paid by Apollonarion, including the dowry provided by her parents to Horion at the time of their marriage, which contract was discharged in the past 6 th year in the month of Thoth through the bank of the Serapeum at Oxyrhynchus. With regard to her other debts at interest Apollonarion shall be responsible for them, delivering to Horion the documents of settlement until the rest of her debts are paid off. Both Apollonarion and Horion acknowledge the son born to them, who was also acknowledged in the deed of divorce, Chaeremon also called Faustus, aged 5 in the present 7 th year. Let the parties to the marriage therefore live together blamelessly, as they did formerly, observing the marriagerights, and let the husband provide the wife with necessaries according to his means ; but if, which heaven forbid, they part from each other owing to a dispute, if this takes place before Horion recovers the aforesaid 2 talents 3,000 drachmae and the accrued interest, Horion shall take the revenues of Apollonarion's property until he recovers the debt, paying the taxes upon them, and for subsistence providing Apollonarion annually with 50 artabae of wheat by the aforesaid measure and 55 jars of wine, and shall repay the other creditors who may appear up to that time. But from the date on which all the debts are paid off, thenceforth Apollonarion shall take her own property, all the provisions of the contract being observed. This contract is valid, and whenever the parties to the marriage or one of them choose they shall effect the publication of it, both parties being responsible for the taxes and scribes' charges. The 7 th year of the Emperors Caesars L. Septimius Severus Pius Pertinax Arabicus Adiabenicus Parthicus Maximus and M. Aurelius Antoninus Augusti, Pharmouthi 13. The copy of the request for a guardian is as follows: Ammonianus basilicogrammateus of the Oxyrhynchite nome, deputy-strategus. If there is no objection, no public or private interests being injured, you are at liberty, as you request, since you know how to write, to employ Eudaemon as your guardian for this transaction only. Signed. The 7 th year of L. Septimius, \&c., Pharmouthi.. To Ammonianus, basilicogrammateus and deputy-strategus, from Apollonarion daughter of Chaeremon . . ., of Oxyrhynchus, her mother being Carpocra . . . As I know how to write, and am making a marriage-contract with my former husband Horion son of Hierax, ex-exegetes of Oxyrhynchus, by the terms of which Horion obtains security for the sums which he lent me and paid in the past 6 th year into the public bank on account of the revenue of vine-land . . . demanded from me, and further am acknowledging with him the son born to us jointly, Chaeremon also called Faustus, together with the other provisions concerning our cohabitation to be inserted in the contract by joint agreement, I request that you may appoint as my guardian for this transaction only Eudaemon son of Agenor also called Theoxenus, son of Apollonius, his mother being Taeus also called Demetrous, of the said city, who is present and gives his consent. I have paid the prescribed tax for my request. The 7 th year \&c., Pharmouthi I. I, Apollonarion daughter of Chaeremon, have presented the application. I, Eudaemon son of Agenor, consent to it. I, Apollonarion daughter of Chaeremon, have been united to my former husband Horion in marriage, and have received the $2 \frac{1}{2}$ talents, total 15,000 drachmae, of silver, and consent to all the aforesaid terms. I, Eudaemon son of Agenor, at her request have been appointed guardian of Apollonarion. I, Horion son of Hierax, have been united to Apollonarion in marriage upon all the aforesaid terms, and have agreed, whenever, which
heaven forbid, we are divorced, to give Apollonarion the right of inhabiting her paternal house in the quarter of the Tenth.

And whereas I desire this contract to be publicly registered, I give to the city, because it is single and does not contain the provisions concerning the disposition (?), the prescribed 12 drachmae, and request you on receiving it from me with my attestation that the signatures appended to it are autographs, the first of Apollonarion, the second of her guardian and co-signatory, the last of myself, Horion, to register it together with this application, the original at the Library of Hadrian and a copy of it at the Library of the Nanaeum, and to give instructions for a letter to be written to the strategus of the Oxyrhynchite nome, stating that he is to serve a copy of this application upon Apollonarion, in order that she may herself know that henceforth the rights in virtue of it are assured to me, as by a public deed.

Let the proper steps be taken. The 9th year \&c., Hathur 3. Signed.
This being so, I request that it be served upon Apollonarion in the proper way. The 9 th year \&c., Pauni 10.'
 own $\pi \rho \rho^{\sigma} \sigma o \delta o \iota($ l. 13), and int. The impost $\pi \rho o \sigma o ́ \delta(\omega \nu)$ or $-\delta(o v) ~ \grave{a} \mu \pi \epsilon \lambda(\dot{\omega} \nu \omega \nu)$ or $-\lambda(o v)$ occurs in the nearly contemporary 1046. 3, and is parallel to the impost $\pi \rho o \sigma o \delta \delta \omega \nu \phi \omega_{i}(\omega \nu)$ or $-\kappa(\omega \dot{\omega} \omega \nu)$ in Wilcken, Ost. no. 276 ; but the relation of it to the other known taxes upon vine-land is uncertain. 1436. 13, where ò̀бьaкov̀ фópov параঠєíq $\omega \boldsymbol{\nu}$ occurs in a list of taxes,
 belonging to the State; but $\pi \rho$ óvooos might refer to $\pi \rho o \sigma o ́ \delta o v \gamma \hat{\eta}$ (cf. 1446. 4, \&c.). The present passage, especially if $\dot{\imath \pi \epsilon} \rho$ is restored before $\lambda$ Jóyov, seems to connect the $\pi \rho o ́ \sigma o \delta o s$ with the 8 -drachmae tax, which is known to have been levied upon vine-land, and was generally called $\sigma \pi o \nu \delta \delta_{n}$ in the Oxyrhynchite nome; cf. 1438. i1, and P. Ryl. 216 . 128, nn.
 recording a payment for $\left.a^{a}\right] \mu \pi \dot{\epsilon} \lambda(o v)$.
4. $[\chi][\lambda i] \omega \nu$ is unsatisfactory, for that word is spelled $\chi \epsilon \lambda i \omega \nu$ later in the line, and if the letter before $\omega \nu$ was $\iota$, the tail of it should have been visible. After $\delta] \rho a \chi \mu \hat{\omega} \nu$ either $[\tau \epsilon \tau \rho] a \kappa \iota-$ $[\sigma \chi] \epsilon \lambda i \omega \nu$ or $[\pi \epsilon \nu \tau] a \kappa \kappa[\sigma \chi$.$] can be read.$
6. $\grave{\epsilon} \hat{\lambda} \dot{v} \theta_{\eta}$ : for $\lambda \dot{v} \epsilon \iota \nu$ in reference to payment of debts cf. P. Hamb. 1. I 4, n., P. Ryl. 176. 3. The mention of the bank (cf. P. Ryl. ${ }^{176}$ ) also indicates that the repayment of Apollonarion's dowry by Horion is meant ; cf. int. and l. $9, n$.
 үра́цдата, both referring to divorce. Probably this document was identical with that concerning $\lambda \dot{v} \sigma \iota s$ implied in 1.6 ; cf. int.

10-12. $\sigma \nu \mu \beta \iota o ̛ ́ \tau \omega \sigma a \nu$. . . à $\lambda \lambda \eta \dot{\eta} \Lambda \omega \nu$ : the usual formula; cf. e. g. 1273. 22-5.
17-18. $\eta \nu \pi \epsilon \rho \dot{\delta} \pi \eta \nu i к a \kappa \tau \lambda$.: this is the earliest example of the stipulation at the end of contracts concerning marriage, sale, \&c., which became stereotyped during the next thirty years in a slightly different form (e. g. 1273. 37-40, 1475. 33-4), omitting the references to taxes. The $\tau \epsilon \lambda \eta$ consisted of ( 1 ) the usual 12 drachmae for Alexandria (l. 38 ; cf. 1475. 4 I ), (2) the obscure $\tau o \hat{v} \tau \iota \mu \eta \mu a \tau o s ~ \tau e ́ \lambda \eta$ (1200. 45, P. Leipzig 10. ii. 21 ), which correspond to $\tau \dot{o}$ $\dot{v} \pi \grave{\epsilon} \rho \tau \hat{\eta}_{S} \delta \eta \mu \sigma \sigma \iota \omega \dot{\sigma} \epsilon \omega s \dot{\omega} \rho \iota \sigma \mu \dot{\epsilon} \nu \sigma \nu$ in 1475. 42 (cf. n.), and to which the payment for $\delta \eta \mu \sigma \sigma i \omega-$ ( $\sigma \iota s$ ) in P. S. I. 109. 2 and the sums sometimes acknowledged by the first signatory to the authorization of the archidicastes (cf. 1474. 6, n.) apparently refer. The $\gamma \rho a \mu \mu a \tau \iota \kappa$ á, i.e. payments to the scribe of the каталоуєio who drew up the oiкодоніа (1474. 7, n.), are not mentioned elsewhere, but probably correspond to the $\sigma \pi \sigma 0 \delta a i$ in P. S. I. 109. 7. The sharing of the expenses is not in accordance with the evidence (e.g. in 11.37-8) that the person who made the application for $\delta \eta \mu \sigma \sigma i \omega \sigma \iota s$ was actually responsible for the charges.
20. 'А $\mu \mu \omega \nu a\langle\nu \dot{\prime}\rangle_{s}:$ cf. 899. 34, where he was deputy-strategus on Pachon 27 (May 22) of the 7 th year, the reading of the figure there being confirmed by the dates in $11.22-3$ and 31 here. On the competence of the exegetes, as well as the strategus, to appoint guardians see
 1645 ; but sometimes the praefect was petitioned on the subject (1466).

20-1. єi $\mu \eta \delta \dot{\epsilon} \nu$ àv七ıाєєiттє!: so in an unpublished Oxyrhynchus papyrus cited by Wilcken,

 more probable than $\epsilon i \delta \epsilon \epsilon \tau]$ b before $\dot{a} \nu \tau \iota \pi \epsilon i \pi \tau \epsilon \iota$.
22. $\pi \rho o ̀ s ~ \mu o ́ v \eta \nu ~[\tau a u ́ r] \eta \nu ~ \tau \grave{\eta \nu ~ o i к o v a \mu i a \nu ~: ~ c f . ~ 1 . ~ 29, ~ 56 . ~ 17, ~ P . ~ T e b t . ~ 397 . ~ 4, ~ n ., ~ B r i t . ~ M u s . ~}$ 1164. (f) 6-7, Ryl. 120. 26.
23. It is improbable that Fr. I, which might be $\Pi$ ]av̂vu. [, is to be placed after $[\Sigma \in \beta a \sigma \tau \hat{\omega} \nu$, for Pauni is not a suitable month for the response, the application having been made on Pharmouthi I (l. $3^{2}$ ), and the contract dated on Pharmouthi is (l. 19). In P. Tebt. 397 the response is dated, but not the application; in P. Ryl. 120 the date of the application corresponds to that of the response, but is a later insertion.
27. à $\mu \pi \epsilon \lambda$ ov $\pi \rho$ ] ${ }_{\text {oróóov : cf. 1. 3, n., and int. }}$



33. $\pi \rho \omega \omega \dot{v}[\tau]$ : $\pi \rho \rho \sigma v v[\hat{j}][\tau] \iota(c f .1 .25)$ cannot be read, but may have been meant, if the scribe wrote $\pi \rho \omega v \nu[a] \nu[\tau]$, as is possible. For $\pi \rho\langle$ oó $\langle\nu \tau \iota$ cf. e. g. P. Ryl. i54. 4, referring to a previous period of ä $\gamma \rho a \phi$ os yápas.
34. тá̀avi $[a \beta] \tilde{\eta}\left[\mu_{\rfloor}^{\jmath} \iota \sigma v:\right.$ cf. 1. 12.

 restoration [ $\delta \eta \mu \sigma \sigma \iota \omega$ ] $\sigma \epsilon \omega$ s that passage was very obscure, and the technical meaning of
 and in $719 \mu \epsilon$ is probably to be corrected to $\mu a v$, if $\mu \nu v$ cannot be read. In both papyri the contract in question was single, whereas where the clause $\tilde{\epsilon}^{\nu} \nu \in \kappa a$ тav̀ (or $\delta i \grave{a} \tau \grave{o}$ ) $\kappa \tau \lambda$. is omitted
 14, 717. ${ }^{23}$ ) ; and $\delta$ uideots perhaps refers to the division of the copies of a contract among
 $\tilde{\epsilon}_{\boldsymbol{\nu} \varepsilon к a}$ is more likely to have a causal than a final sense.
38. [í]покєұєєроүрафпне́vò: cf. Griech. Texte, 6. 25.
40. On the two Alexandrian libraries see 34.




©s каӪккє: cf. 1270.54, 1475.50, nn. In the corresponding passage Griech. Texte, 6. 35 P. M. Meyer reads $\gamma(\nu \dot{\epsilon} \sigma \theta \omega)$ ตs кa $\theta$. ; but the $\gamma$ is not certain and in any case is omitted in the Oxyrhynchite examples. This endorsement was written for the archidicastes by a $\gamma \rho a \mu \mu a \tau \epsilon \dot{\prime} s$, the signature of the archidicastes himself being ${ }^{\prime}[\sigma] \eta \mu \omega \sigma \sigma \alpha \mu \eta \nu$ in 1.43 ; cf. Griech. Tixte, 6. 38.
45. Geta occurs in the date-formulae in Egypt in the 9th year of Severus on Tubi 13 (P. Brit. Mus. $347.4=$ ii. 71 ) ; cf. 1. 43 where he is not mentioned on Hathur 3. B. G. U. ${ }^{1} 56$. I1-12 ( $=$ W. Chrest. 175) of the 9 th year is said to have 'E $\pi(\epsilon i) \phi$ after Evi $\sigma \epsilon \beta$ ov̂s, omitting $\Sigma \varepsilon \beta a \sigma \tau \hat{\omega} \nu$ and Geta; but we suspect a misreading of $\Sigma \epsilon \beta a(\sigma \tau \hat{\omega} \nu) \Phi a(\hat{\omega} \phi \iota)$.

Fr. 1. Cf. l. 23 , n.

## 1474. Application Concerning a Loan.

$$
13.6 \times 18.3 \mathrm{~cm}
$$

A. D. 216 .

An application, similar to 1473 , to a strategus from a woman with reference to the return of a loan, enclosing copies of (I) an authorization from the archidicastes for $\mu \epsilon \tau a ́ o \partial o \sigma \iota s$ (1l. 3-8), (2) her application to him for $\delta \eta \mu \sigma \sigma i \omega \sigma \iota s$ and $\mu \in \tau$ ádoals of the contract (11. 8-11, 23), and (3) the contract itself (ll. 11-22); cf. 1472 . int. The conclusion, corresponding to $1473.37-45$, is missing. The reference to a payment of 14 drachmae by the applicant at the office of the archidicastes (1.6, n.) explains the corresponding passage in B. G. U. 578 , which has hitherto been misunderstood. The terms of the loan, which was without interest, but subject to an increase of one-half if not repaid at the proper time, are somewhat unusual ; cf. 1. 18, n. A few corrections have been made in a different hand.

 Nєìiov $\gamma \rho \alpha \mu \mu \alpha-$


 $\sigma \iota \omega \sigma \epsilon \omega s \dot{\alpha} \nu \tau i ́ y \rho \alpha-$
 'Avтшuívov Kaívapos
 1б. Ма́ркоs Aúpи́入ıos $\mathrm{N}_{\epsilon}$ -
 оікогоцíà є̈ $\gamma \rho \alpha-$
 $\mu \in \lambda \epsilon i ́ a ~ \tau \hat{\omega} \nu \quad \chi \rho \eta \mu \alpha-$
 каi $\dot{\omega} s \chi^{\prime} \eta \mu \alpha-$
 ảvтíypaфov $\dot{\psi} \pi$ ó- $^{-}$
 $A \hat{v} \rho \eta \lambda i ́ a \quad \Delta i \delta \dot{v} \mu \eta \quad \tau \hat{\eta}$ кa[ì
 Avjpخiou $\Delta \ell$ -
 а’ $\rho \tau \alpha ́ \beta \alpha s$ т $\epsilon \sigma \sigma \epsilon \rho \alpha ́-$


 $\mu$ о́бוо⿱ $\mu \epsilon-$
 $\tau \hat{\omega} \nu \sigma \omega \bar{\nu}$
 $\pi \epsilon \sigma o ́ v \tau o s ~ \chi \rho o ́ v o v ~$
 Хо́vтшข $\mu$ оє $\pi \alpha \nu \tau о$ í-


 'A $\downarrow \tau \omega \nu$ ivov $\Pi \alpha \rho \theta \iota \kappa о \hat{v}$
 $\Sigma_{\epsilon} \beta \alpha \sigma \tau о \hat{v}$ Хоі́ак к. Пєкиิ-
 $\dot{\alpha} \pi о \delta \dot{\omega} \sigma \omega$ ஸ́s $\pi \rho o ́(\kappa \epsilon \iota \tau \alpha \iota)$.
 $\tau \bar{\eta} s \tau \iota \sigma \sigma \hat{\eta}[s$

 10. $\pi \rho о \ddot{\mu} \mu \iota \eta$, $\Pi$. 1 of $\mu \circ \iota$ corr, by a second hand from $v$, and $\delta$ of $\delta \iota \sigma \sigma \eta s$ from $\tau$. II. $\theta$ of $\tau \in \theta \epsilon v t a s$ corr. from $\tau$. 12. First $\pi$ of $\pi a \pi \pi o v$ corr. from $\tau$. 13. $\epsilon$ of oфı $\lambda \epsilon \iota$ inserted

 $\omega \nu(?) . \quad 23.1 . \dot{d}] \pi o \delta o ́ v \epsilon \omega s, \ldots$. $\delta \iota \sigma \sigma \hat{\eta}[s$.
' To Aurelius Anubion, strategus of the Oxyrhynchite nome, from Aurelia Didyme also called Dionysia, and however she is styled, through Aurelius Nilus, scribe. A copy of the communication which I have received from the bureau is as follows.

Aurelius Casius, priest and archidicastes, to the strategus of the Oxyrhynchite nome, greeting. Let a copy of the publication which has been effected be served, as follows.

Good-bye. The $2 f^{\text {th }}$ year of Aurelius Severus Antoninus Caesar the lord, Mecheir 5 . I, Marcus Aurelius Harpocration, have signed for 14 drachmae. I, Marcus Aurelius Nemesianus also called Irenaeus, and however I am styled, scribe of the bureau, wrote the document.

To Lucius Septimius Aurelius Casius, priest, archidicastes, and superintendent of the chrematistae and other courts, from Aurelia Didyme also called Dionysia, and however she is styled. Appended is a copy of the bond issued to me in duplicate and of the signature beneath it. "Pekusis son of Peusirion and Tetheus, of Oxyrhynchus, to Aur. Didyme also called Dionysia, and however she is styled, through Suchammon, freedman of your grandfather Aurelius Diogenes, greeting. I acknowledge that I owe you the 45 artabae of wheat which I received from you on loan, and will repay these to you without interest in the month of Epeiph of the present 2 grd year in wheat that is new, pure, unadulterated, unmixed with earth or barley, sifted, and measured into the public granary here in the Oxyrhynchite nome by your receiving-measure of the village of Syron, the measurement being performed by your agents, all without any delay, or, if I fail, I will forfeit to you interest for the overtime at the rate of half the capital, you having the right of execution upon both my person and all my property of every kind. This bond, written in duplicate, is valid wheresoever it is produced and whosoever produces it on your behalf. The 23 rd year \&c., Choiak 20. I, Pekusis son of Pausirion, have received the aforesaid 45 artabae, and will repay them as aforesaid." The period of the loan having expired and no repayment having been made, I desire that of this duplicate bond [a single copy should be sent to the Library of Hadrian \&c.'

4. $\tau \epsilon \tau\langle\epsilon\rangle \lambda\langle(\omega\rangle \mu \epsilon \in \nu \eta s \delta \eta \mu \sigma \sigma \iota \omega \sigma \epsilon \omega \mathrm{~S}$ : so 1200. 7, 1475. 5 in the secondary application to the archidicastes, to which there is nothing corresponding in the earlier examples such as 1474. The archidicastes himself in the letter corresponding to 1474. $3^{-6}$ there uses

 has $\chi \rho \eta \mu a \tau \iota \sigma \mu$ v̂.
6. $\sigma \epsilon \sigma \eta \mu i \omega \mu a \iota$ ( $\delta \rho a \chi \mu a ̀ s)$ ı $\delta$ cf. B. G. U. 578.8 , where the words after $\sigma \epsilon \sigma \eta(\mu \epsilon i \omega \mu a \iota)$, which Mitteis (Chrest. 22 7. 8, n.) did not understand, are ( $\delta \rho a \chi \mu a ̀ s) ~ \epsilon$. This entry apparently corresponds to that in P. Leipzig 10. ii. $3^{2-3}$, to which 1200. 4 and 1475. 3 (cf. n.) are parallel, and the first of the two signatories usually found at this point (e.g. 485. 7-8) was probably $\delta \pi \rho o ̀ s ~ \tau \hat{\eta} \delta a \lambda o \gamma \hat{\eta} \tau \hat{\eta} s \pi o ́ \lambda \epsilon \omega s$, the second being regularly, as here, a scribe of the катадоуєiov (in B. G. U. 888.4 called voцоүра́фos à ópâs), who wrote the document (oikovouia : cf. l. 7, n.). The 14 drachmae here may include the 12 drachmae regularly paid to Alexandria (e. g. 1473. 38), but part of the sum presumably belongs to the $\tau \boldsymbol{v} \tau \tau \mu \dot{\eta} \mu a \tau o s ~ \tau \epsilon \lambda \eta$ (1473. ${ }_{7}$-18, 1475. $4^{2}$, nn.), like the 5 drachmae in B. G.U. 578 , and the whole 14 drachmae may well be exclusive of the 12 drachmae for Alexandria. Perhaps they include $\gamma \rho a \mu \mu a \tau \iota \kappa$ í (cf. 1473. $17-18$, n.). The payments of 16 drachmae $1 \frac{1}{2}$ obols and 12 dr. [.] ob. in P.S.I. 109. 9, 23 seem to be for the $\delta \eta \mu \sigma \sigma i \omega(\sigma \iota s)$ of contracts, including $\sigma \pi o \nu \delta a i$, and to be of the same nature as the payment of 14 drachmae here.
7. oiкогодіа⿱: : Mitteis (Chrest. 239. int.) refers this only to the imoypaфi of the archi-
 B. G. U. 578. 9 .
8. This archidicastes was previously unknown.
14. $\delta$ иаф́́pov practically $=$ тóкov: cf. 1. 18, n., and 1040. int.
 was formerly explained by Wilcken (Ost. i. $77^{2}$ ) as that used by officials called $\pi a \rho a \lambda \hat{\eta} \mu \pi \tau a \iota$,
but he abandoned that explanation (Archiv, i. $13{ }^{1}$ ) in favour of the view that it was equivalent
 $\pi a \rho \sigma[\mu \epsilon] \mu \epsilon \tau \rho \eta_{\mu \epsilon} \theta_{a}$ occurs. In favour of Wilcken's earlier explanation can be urged the parallelism of $\mu \epsilon ́ \tau \rho \circ \boldsymbol{\nu} \sigma \iota \tau$ ообєкóv (740. і 7 ); but a 'receiving-measure' may be a technical
 measure (P. Hibeh 87 ).

Síp由v: a village in the western toparchy (1285. 75).
18. סıáфopov $\epsilon \xi \dot{\eta} \dot{\eta} \mu \sigma \epsilon i_{a s}$ : i. e. if the debtor failed to repay the 45 artabae in Epeiph, he had to pay $67 \frac{1}{2}$, i. e. the $\dot{\eta} \mu \omega \lambda i a$. It is more usual for a $\delta$ tá $\phi$ opov of $\frac{1}{2}$ to be charged in place of interest, apart from penalties for delay ; cf. 1040 and the $\dot{\eta} \mu$ tód九o tóкot in P. Reinach I 5 ,
 1. $\dot{\epsilon} \kappa \mid$ трítov for the unsatisfactory $\mu \circ[v \mid$ трícov. That passage means that the borrower had to repay 4 artabae in place of the 3 which he received, not, as Preisigke supposes, that he actually received only 2 out of 3 artabae nominally lent to him.
23. Twenty-seven letters are expected in the first lacuna, and the first kai may be omitted; cf. $1472 .{ }^{2} 5-7$, n. $\tau \hat{\eta} s ~ \delta \grave{\epsilon} \pi \rho o \theta \epsilon \sigma \mu i a s ~ \delta \iota \epsilon \lambda \theta o v o r \eta s(485.27)$ is rather too long.
1475. Application concerning a Sale of Land.
$35 \times 19.6 \mathrm{~cm}$.
A. D. 267.

This long and well-preserved papyrus is closely parallel to 1200 , and is mentioned in 1200. int. It was written a year later than that series of documents, and, like it, contains $(a)$ an application to an archidicastes (l. I, n.) concerning the $\delta \eta \mu \sigma \sigma^{\prime} \omega \sigma \iota$ of a sale (ll. 6-9, 41-7), (b) a copy of the sale (11. 10-40), (c) a further application to the archidicastes for the communication of the $\delta \eta \mu \circ \sigma i \omega \omega \iota s$ to the $\beta \iota \beta \lambda \iota \circ \phi \dot{\lambda} \lambda a \kappa \epsilon s \tau \hat{\omega} \nu \dot{\epsilon} \gamma \kappa \tau \eta \sigma \epsilon \omega \nu$ (11. 4-5, 48-9), with (d) an endorsement on his behalf (l. 50 ), and (e) the required letter to the $\beta \iota \beta \lambda \iota о$ úлакєs inserted in the upper margin (ll. $1-3$ ). (d) and (e) are in the same hand as 1200. I-4 (and 56 ?) and 1561. 20-I (A. D. 269), where the line corresponding to 1200. 4 and 1475. 3 occurs at the end of the document, as in P. Leipzig 1o. The body of the document was written in the three cases by different scribes, that of 1475 employing a more cursive hand than the other two, and in his ligatures sometimes approximating to the style of the letter of the archidicastes (cf. Part ix, Plate vi). The decipherment of the difficult line 1200. 4 in the Alexandrian chancery script can now be carried a stage further, though one word is still uncertain; cf. 1. 3, n. The maker of the application, Aurelia Thaïsous also called Lolliane ( $1.5, \mathrm{n}$. ), is known from 1467 , where she claimed the right to act without a guardian. 1475 does not contain at the end a subsequent endorsement by her corresponding to that in 1200. 57-61, where in 1. $5^{8}$ the date is to be read (ध́tovs) a кai (धैтovs) $\delta$, i.c. the ordinary reckoning of Aurclian and Vaballathus, not ( $\left.{ }_{( }^{\epsilon} \tau.\right) \gamma$ каi ( $\epsilon_{\tau} \tau$.) $a$. As in 1200, there are a few marginal notes in a third hand (different in the two papyri), these having been made in the $\beta \iota \beta \lambda_{\iota} \theta \theta \dot{\eta} \kappa \eta \tau \hat{\omega} \nu \dot{\epsilon} \gamma \kappa \tau \dot{\eta} \sigma \epsilon \omega \nu$ (1. I, п.).
 ( $\phi u ́ \lambda \alpha \xi(\nu)$ ' $O \xi v \nu v\left(\gamma \chi^{i} \tau o v\right) \chi^{\alpha i}(\rho \epsilon \tau \nu) . \quad \tau \hat{\eta} S \quad \tau \epsilon \tau \epsilon \lambda(\epsilon \omega \omega \mu \epsilon \in \nu \eta s)$
 vô̂ $\Sigma_{\epsilon} \beta \alpha \sigma \tau o \hat{v} \Phi_{\alpha \rho \mu}{ }^{\circ} \theta_{l}$ ı $\eta$.











урафо⿱ ข̇ $\pi o ́ k \epsilon \iota \tau \alpha$.






 $\dot{\alpha} \pi o ̀ ~ \tau o \hat{v} \nu \hat{v} \nu$ is $\tau o ̀ \nu ~ \alpha ́ \epsilon i ̀ ~ X p o ́ v o \nu ~$
 $\dot{\omega} \nu о \nu \mu \hat{\epsilon} \nu \eta{ }^{\prime} \pi \epsilon \rho \grave{\imath}$ к $\omega \mu \mu \eta \nu$
 тô Nєík $\omega \nu o s$ à $\nu \theta^{\prime}$ ồ $N \epsilon \iota к o \mu \eta \eta^{\delta} o u s$
 o $\tau \rho 0 \chi$ òs $\dot{\text { óoícs }} \sigma v \nu$ -

 Tò ồ $\pi \omega \mu \alpha ́ \rho เ o \nu, ~ \kappa \alpha i ̀ ~ \epsilon ̀ \nu ~ \tau \hat{\eta} \alpha u ̉ \tau \eta ̂ ~ \kappa \omega ́-$




 $\alpha u ̉ \tau \hat{\iota}$ ф $\rho \in ́ \alpha \rho, \hat{\omega} \nu$ оікотє́ $\delta \omega \nu$ каi $\psi i \lambda \omega \bar{\nu}$
 $\pi o ́ \lambda \epsilon \omega s, \beta о \rho \rho \hat{\alpha} \pi \epsilon \rho i ́ \mu \epsilon \tau \rho \alpha$ т $\hat{\jmath}$
 $\pi \alpha ́ \nu \tau 兀 \nu \dot{\alpha} к о \lambda o u ́ \theta \omega s$
$\tau \hat{\eta}$ §！ка！́a $\pi \rho a ́ \sigma \iota ~ к \alpha i ~ \pi \alpha \rho \alpha \chi \omega \rho \eta ́ \sigma \iota . ~ \tau a ̀ s ~ \delta є ̀ ~ \sigma v \mu[\pi \epsilon] \phi \omega \nu \eta \mu \epsilon ́ \nu \alpha s ~ \pi \rho o ̀ s$ $\alpha \dot{\alpha} \lambda \eta \lambda$ ous $\hat{\imath}[\pi \grave{\epsilon} \rho \tau] \epsilon \iota \mu \hat{\eta} s$ к $\alpha i \quad \pi \alpha \rho \alpha \chi \omega \rho \eta \tau \iota \kappa о \hat{u}$
 $\dot{\epsilon} \nu \nu\langle\epsilon\rangle \alpha \kappa[\iota \sigma \chi \iota \lambda i] \alpha s$ є́ $\pi \tau \alpha \kappa \sigma \sigma i \alpha s, ~ a i l ~ \epsilon i \sigma \iota$
 á $\pi \epsilon ́ \sigma \chi$ ण $\pi \alpha \rho a ̀ ~ \sigma o v ̂ ~ \delta \iota a ̀ ~ \chi \in \iota \rho o ̀ s ~ \epsilon ́ к ~ \pi \lambda \eta ́-~$
 $\mu \epsilon \tau \alpha \lambda \eta \mu \psi \rho \mu \epsilon \in \nu o \iota s \tau \hat{\omega} \nu \pi \alpha \rho \alpha \chi \omega \rho o v-$


 то仑̂ $\dot{\eta} \mu \epsilon \tau \epsilon ́ \rho o v$ ó $\nu o ́ \mu a \tau o s ~ к \alpha i ~ \pi \alpha \nu-$
 $\alpha \dot{\alpha} \pi \grave{o}$ бо仑̂ $\beta \epsilon \beta \alpha \iota \omega \sigma \iota$ т $\omega \bar{\nu}$ Є̈ $\omega$ S то仑̂


 $\kappa \alpha \lambda \alpha \nu \delta \bar{\omega} \nu \quad \tau \epsilon \lambda \epsilon ́ \sigma \mu \alpha \tau \alpha$ ．кvрía $\dot{\eta} \pi \rho \hat{\alpha} \sigma \iota s$
 ठià тoû ката入oyiov oú $\pi \rho \circ \sigma \delta \in o ́-$
 نंगò $\sigma o \hat{v}$ ठ $\eta \mu \circ \sigma \iota \omega \sigma \iota . \quad \pi \epsilon \rho i$
 （є̈тоus）¿ঠ Aútoкрáтороs Kaíбароs


 $\chi \omega \dot{\rho} \eta \sigma \alpha \tau \hat{\eta} \Lambda о \lambda \lambda \iota \alpha \nu \hat{\eta} \tau \hat{\eta} \kappa \alpha i \quad \Theta \alpha \ddot{i}$
 $\kappa[\alpha i] \dot{\alpha} \pi \epsilon \epsilon \sigma \chi^{\circ \nu} \tau \dot{\alpha} \underline{S}[\tau \hat{\eta}] s \quad \tau i \mu \hat{\eta} s$
 $\beta \alpha \iota \omega ́ \sigma \omega$ ả $\pi o ̀ ~ \mu o ́ v o v ~ \tau o ̂ ̀ ~ \dot{\eta} \mu \epsilon \tau \epsilon ́ \rho o v$
 $\lambda o ́ \gamma \eta \sigma \alpha$.










 $\tau \bar{\eta} s \quad \alpha \sigma \phi \alpha \lambda i ́ o u \quad \delta \eta \mu о \sigma t \omega \sigma \iota$. ('єтоus) $\iota \delta$
$\Gamma \alpha \lambda \lambda \iota \eta \nu 0 \hat{v} \quad \Sigma \epsilon[\beta \alpha] \sigma \tau \circ \hat{v} \quad \Phi \alpha \mu \epsilon \nu \grave{\omega} \theta \kappa \delta$.
 $\chi^{i ́ \tau o v} \nu \circ \mu 0 \hat{v} \beta \iota \beta \lambda \iota \circ \phi v ́ \lambda \alpha \xi \iota \alpha \xi \iota \omega$
 $\sigma \nu \nu \tau \alpha ́ \xi a \iota ~ \gamma \rho a ́ \psi a \iota ~ \alpha u ̉ \tau o i ̂ s ~ i \nu " ~ i \delta \hat{\omega} \sigma \iota$.
50 Ist hand $\dot{\omega} \kappa \kappa \alpha[\theta \dot{\eta}] \kappa(\epsilon \iota)$. ( $\epsilon$ тous) $\delta \delta \Gamma \alpha \lambda \lambda \iota \eta \nu 0 \hat{v} \Sigma_{\epsilon} \in \beta \alpha \sigma \tau o \hat{v} \Phi \alpha \mu(\epsilon \nu \dot{\omega} \theta) \kappa \zeta$.
 23. $\iota$ of $\iota \in \rho a \kappa \iota \nu \nu$ corr. from $\tau$. 32. $\pi$ of first amo corr. 4 I. 1. $\beta o v \lambda o \mu[\epsilon \in \nu] \eta$ : so in 1. 48.

'Aurelius Gaius also called Harpocration, priest and archidicastes, to the keepers of the property-registers of the Oxyrhynchite nome, greeting. A copy of the communication which has been executed follows. Good-bye. The I $4^{\text {th }}$ year of Gallienus Augustus, Pharmouthi 18. The examiner-in-chief of the city: she has paid (?), Aurelius Alexander acting.

To Aurelius Gaius also called Harpocration, priest, archidicastes, and superintendent of
the chrematistae and other courts, from Aurelia Thaïsous also called Lolliane. A copy of the publication which has been executed follows.

To Aurelius Gaius, \&c., from Aurelia Thairsous also called Lolliane, daughter of Sarapion also called Agathodaemon, ex-agoranomus of Oxyrhynchus. A copy of the bond issued to me in duplicate with the signature succeeding the date follows.
"Aurelius Agathinus also called Origenes, son of Varianus also called Clarus and Origenia also called Tauris, of Oxyrhynchus, to Aurelia Thaïsous also called Lolliane, daughter of Sarapion also called Agathodaemon, ex-agoranomus of the said city, and of Dionysia also called Diaena, of the said city, acting without a guardian by the ius liberorum, greeting. I acknowledge that I have sold and ceded to you from the present time for ever the property below written; which is mine by right of purchase and formerly belonged to you the buyer, in the area of the village of Païmis in the western toparchy of the said Oxyrhynchite nome in the holding of Nicon also called Nicomedes, consisting of 1 I arurae of corn-bearing and other land, in which is a tank in disrepair and the water-wheel likewise partly in disrepair with the apparatus belonging to it, the adjacent areas of the whole being on the south and west a canal, \&c., on the north land formerly belonging to Julius Theon, on the east the buildings, open spaces, and existing orchard mentioned below, and in the said village in the northern and western parts of it two houses with all their fittings and appurtenances and the open spaces to the north and west of these with the intervening orchard which is now dry, of the extent of $\frac{13}{1} \frac{3}{6}$ arura more or less, and the existing well, the adjacent areas of these buildings, open spaces, and orchard, when they are surveyed in one piece, being on the south the parts of the metropolis along the desert, on the north the circumference of the village, on the east a hawk-shrine, on the west the aforesaid corn-land, in all respects according to just sale and cession. And I have herewith received from you from hand to hand in full the sum jointly agreed upon for the price and cession-money of all the aforesaid property, 9,700 drachmae of Imperial silver coin, making i talent 3,700 drachmae of silver. Wherefore you and your descendants and heirs are masters and owners of the property ceded by me as aforesaid; and have power to use and administer it as you choose, and I am bound to deliver it to you guaranteed and free from claims in my name only or by any one else in my name, you being satisfied with the guarantee from yourself to me concerning all charges up to and including the past 13 th year, because the products of the property from the present 14 th year henceforth belong to you the buyer, who are also responsible for the taxes beginning with the calends of the said $\mathrm{r}_{4}$ th year. This sale and cession, written in duplicate, is valid, and whenever you choose you may publish it through the record-office without requiring further concurrence on my part, because I hereby concur in the publication to be made by you; and having been asked by you the formal question whether this is done rightly and fairly I have given my consent. The I 4 th year of P. Licinius Gallienus, \&c., Hathur 23. I, Aurelius Agathinus also called Origenes, have sold and ceded to Lolliane also called Thaïsous the aforesaid property and all the constructions appertaining to it, and have received the I talent 3,700 drachmae of silver for the price, and will guarantee the property from claims in my name only, and I consent to the publication to be made by you, and in answer to the formal question have given my consent."

Wishing that one copy of this duplicate bond should be made public, I pay to the city the prescribed 12 drachmae and the sum prescribed for the publication, and request that, on receipt of the bond from the person whom I have dispatched, Aurelius Nilus, with his attestation that the signature after the date is the autograph of Aurelius Agathinus also called Origenes, you will register the original with this application in the Library of Hadrian, and a copy of it with the application in the Library of the Nanaeum, in order that the rights derived from it may be assured to me, as from a public deed, because Aurelius Agathinus
also called Origenes has consented to the publication of the bond. The 14 th year of Gallienus Augustus, Phamenoth 24.

And whereas I desire that this should be communicated to the keepers of the propertyregisters of the Oxyrhynchite nome, I request that, on receipt of the aforesaid publication duly signed, you will give instructions for a letter to be written to them for their information.

Let due steps be taken. The 14th year of Gallienus Augustus, Phamenoth 27.'

1. The marginal note $\pi a \rho \epsilon \tau(\epsilon \theta \eta)$ is absent in 1200 . It means that the document was
 103 sqq., Lewald, Römisch-Aegypt. Grundbuchrecht, $3^{8}$ sqq. The marginal note in the same hand against l. 17 corresponds to that against 1200. I 8 (in a different hand), showing that the annotations in 1200 were also made at the $\beta \iota \beta \lambda \iota \circ \theta_{\eta}^{\prime} \kappa \eta$.

「átos ó kaì 'A $\rho \pi[0 \kappa] \rho a t i \omega \nu$ : this archidicastes was previously unknown. In Pauni of the $1^{\text {th }}$ year (1200. $3,5^{6}$ ) Didymus also called Sarapion was in office, as in P. Giessen 34, where in $11.4-5$ there is some mistake in the dates. The number of the year is read doubtfully as $\boldsymbol{\iota}$ in ll. 4 and 9, the day being in the latter case Pachon 28, which is in accordance with 1200. In l. $5 \Phi a \hat{\omega}] \phi \iota \iota \delta$ is restored, but this date must be later than Pachon 28 since ll. 5-9 are an enclosure in ll. $\mathbf{1 - 5}$, and either 'E $\pi \epsilon 1] \phi$ ' or (more probably) M $\epsilon \sigma 0$ ] $\rho \eta^{\prime}$ must be read in l. 5, unless (ërous) is can be read in 1. 4.
$\tau \epsilon \tau \epsilon \lambda\left(\epsilon \epsilon \omega \mu \epsilon \epsilon^{\nu} \eta s\right)$ : so in 1200. 2, where Wilcken (Archiv, vi. 291) wished to read $\gamma \epsilon \gamma \epsilon(\nu \eta-$ $\left.\mu^{\prime} \varphi \eta \eta s\right)$; but here $\tau \epsilon \tau \epsilon \lambda$ is quite clear.

 in 1200. 4, 1561. 20 (cf. int.), there is little doubt, and if $\delta \iota \dot{\epsilon} \gamma \rho a(\psi \in \nu)$ is certain in the Leipzig papyrus that is probably the preceding word in the Oxyrhynchus examples also.


 and Wilcken to mean 'performing his-office' in connexion with the payment, but it might refer to the scribe who wrote the oiкovomia; cf. 1474. 7, n, In P. Leipzig io. ii. $3^{2}$ there is stated to be no change of hand corresponding to that in 1561. 20.
5. Өaïбov̂тos $\tau \hat{\eta} s$ кa[i] $\Lambda o \lambda \lambda a \nu \eta \bar{\eta} s$ : the order of the names is the reverse in 1.37, as in 1467.
10. Aurelius Agathinus also called Origenes is probably identical with the agoranomus of that name in 1208. i6 (A: D. 291). 1642 is concerned with his appointment to that office.
15. à $\nu \theta^{\prime}$ oṽ: cf. 1438. 11, n.
17. For the marginal note cf. l. I and 1200. 18, nn.
22. עótov тapópa $\tau \bar{\eta} s$ $\pi$ ód $\epsilon \omega s$ : from this it appears that Païmis (1.23) was on the edge of the desert near Oxyrhynchus on the north, so that the western toparchy (1. 15) was in that region; cf. 1421. 3, n. For $\pi$ a $\rho$ ópıa cf. 1113. 17 and P. Flor. 50. 9, 86 ( $\dot{\eta} \pi a \rho o ́ \rho ı o s) . ~ A ~$
 is coupled with Senokomis (cf. 1506. 2) in 1545.5.
24. $\delta \iota \times a \dot{a}$ : $\delta \imath^{\prime} \epsilon \mu \kappa \hat{v}$ might be read, but is less likely.
30. ànò $\sigma o \hat{v} \beta_{\epsilon} \beta a t \omega \sigma_{\iota}$ : the present buyer had owned the property previously, and sold it to the present seller ; cf. l. I4 and 1635. 23 (A.d. 249) ápкov $\mu$ '́vov $\sigma o\langle\nu\rangle \tau \hat{\eta}$ єi's $\mu \epsilon$ ánò $\tau[o \hat{v}]$


33-4. Cf. 1473. 17-18, n.
41. ßov入ó $\epsilon \in \nu=s$ for $\beta o v \lambda о \mu \dot{\epsilon} \varphi \eta$, as here and in 1. 48, occurs in the corresponding passages of 1200 .
 cf. $\tau \mathfrak{a} \tau 0 \hat{v} \tau \iota \mu, \tau \in \lambda \eta$ in P. Leipzig 10. ii. 21 . In the latter instance $\tau i \mu \eta \mu a$ has been explained as a penalty for delay (Gradenwitz, Koschaker) or as an ad valorem tax (Mitteis). 1200, where there is no question of delay, does not at all favour Gradenwitz's view, but neither the new evidence concerning the amounts apparently paid for the $\tau i \mu \eta \mu a, 14$ drachmae in the case of a deposit of 45 artabae of wheat (worth about 500 drachmae), 5 dr . in the case of a loan of $\mathbf{I}, 200$ dr. (cf. 1474. 6, n.), nor the present passage provides any definite support for Nitteis's view, though not incompatible with it, if the 14 drachmae in 1474 include the usual 12 dr . for Alexandria. The technical sense of $\tau i \mu \eta \mu a$ in the phrase $i \delta i \varphi \tau \tau \mu \eta \mu a \tau(85.7$ ), and єаvтov тци ${ }^{\prime} \mu a \tau \iota(1208.4$; cf. 1562. 3), is also obscure, and whether the meaning 'valuation' is

48. $\pi \rho \circ \sigma \phi \omega[\nu] \eta \theta \bar{\eta} v a \iota:$ so in 1200. 53 and probably in B. G.U. 825 . 13, where in a similar context Schubart (ap. Preisigke, Berichtigungen, 70) reads $\pi \rho \rho[$.$] . . . . . \theta \eta \eta v a$.

50 . $\dot{\omega} \kappa \kappa\left[\theta \theta^{\prime}\right]_{\mathrm{K}}(\epsilon \iota)$ : cf. 1473 . $4^{2}$, n. In 1200. 56 (which was perhaps written in the same hand as $1200.1-4$ ) there is an interval of only two days between the dates in II. 3 and 56 , whereas here the corresponding interval is twenty-one days; cf. l. 2 . In Griech. Texte 6 the day is the same in 11. 6 and 37.

## VIII. HOROSCOPES AND CHARMS

1476. Horoscope of Sarapammon.

$$
9.8 \times 7.7 \mathrm{~cm} . \quad \text { A. D. } 260
$$

This horoscope of a person born on Phaophi 2 of the Ist year of Macrianus and Quietus (the earliest certain date by those Emperors), which year corresponded to the 8 th of Gallienus (cf. P. Strassb. 6. int.), was found with 1563, another, but less well preserved, horoscope of a person born two years earlier, in the 6th year of Valerian and Gallienus, Thoth 27 . In both papyri the positions in the signs of the zodiac occupied by the sun, moon, five chief planets, and
 indicated by degrees and minutes, as in P. S. I. 23 and the much more elaborate horoscopes P. Brit. Mus. 98, 110, 130 (i. 126-39) ; the other horoscopes of the first four centuries (235, 307, 585, 596, 804, 1564-5, Class. Rev. viii. 70, P. S. I. 22,24-5) give the signs only, with occasional descriptions (e.g. in 1565) of the relation of the body in question to the sign, such as are also found in 1476.

1476 and 1563-4 are the only horoscopes which belong to the period of uncertainty concerning the chronology of the Roman Emperors in Egypt from Decius to Diocletian (A.D. $250-284 ; 1565$ belongs to 293). Decius died in the spring or summer
of 25 I ; his 2nd year in Egypt, which began Aug. 29, ${ }^{250}$, is not attested later than March 4, $2^{51}$ (C.P.R.37), and there are no Alexandrian coins of a 3rd year. The argument from the silence of coins is by no means conclusive, for there are no Alexandrian coins of the ist year of Decius' successors, Gallus and Volusianus, and only oneand that not absolutely certain-of their 2nd year, though papyri of their 2nd year are numerous (e.g. 1442); but there is no reason to suppose that Decius' reign extended into the year beginning Aug. 30, 251, which was the 2nd of Gallus and Volusianus. Their $3^{\text {rd }}$ year, as appears from 1119. 5, 14, 40, was reckoned at Oxyrhynchus as still current on Aug. 16 and 22, 253. This circumstance is less surprising than is implied in 1119.5,n. (where 1119 is wrongly referred to the year 254); for coins of their 3 rd year are very common, while those of Aemilianus, their successor, all belong to his 2 nd year, and it is probable that Aemilianus'. Ist year consisted of only a few days. The only extant dating by that emperor is 1286. 10 (2nd year $\mathrm{Ph}[$ aophi], i. e. Sept. 28-Oct. 27, 253). Valerian and Gallienus are known from C. I. L. viii. 2482 to have been recognized in Numidia before Oct. 22, 253, but apart from coins 1187. 2 ( June 20) is the only record of their ist year in Egypt, which is generally supposed to have been $253-4$, not $252-3$. A census-return for the 5 th year of an unnamed third-century reign (P. Stud. Pal. ii, 32), which is apparently that of Valerian and Gallienus, strongly supports the usual view, since these returns were made at intervals of 14 years and $257-8$ is the right year for a census. After the revolt of Macrianus and Quietus (about Sept. 260-Nov. 26r) and the restoration of Gallienus the chronological difficulties increase. The accession of Claudius was in 1906 placed by Preisigke (P. Strassb. 6. int. ; cf. Hohmann, Chronol. d. Papyrusurk. 54-7) in the autumn of 268 (between Aug. 29 and Oct. 16, so far as Egypt was concerned) on the apparently conclusive evidence of P. Strassb. 7 and ro-i i (subsequently confirmed by P. Tebt. 581) that the 15 th year of Gallienus was followed by the ist of Claudius. Earlier writers had usually accepted the statement of the Vita Claud. iv. 2 that his accession took place in March (268), or, like the editors of the Prosopogr. Imp. Rom., placed that event between Jan. I and July 1, 268, in order to make the I 5 th year of Gallienus coincide with the ist of Claudius. Claudius is generally thought to have died in his 3 rd year ( $270-1$ according to Preisigke, $269-70$ according to most earlier writers). The few weeks' reign of Quintillus is attested in Egypt by coins only, and the accession of Aurelian (who in Egypt at first had to admit the association of Vaballathus) was placed by Preisigke between Aug. 29 and Dec. 3 1, 270 (he was consul in 27 I), while most other writers, including Homo, Essaisur l'empereur Aurélien, 340, assigned it to the spring of 270 . The accession of Tacitus, which was preceded by an interregnum of uncertain length, is universally assigned to Sept. 275 , so that it occurred in the 6 th year of Aurelian according to Preisigke, who ignored the Alexandrian coins of the 7 th year, in the 7 th year according to others. Tacitus, who was consul in 276, did not live until Aug. 29 of that year, the latest date by his reign being on June 8 (P. Strassb. 8. 17), and the accession of Probus is assigned to the spring or summer of 276 . The coins credit him with 8 years (Homo, op. cit. $337^{-8}$ by misstating the figure as 7 vitiates his chronology of Probus and Carinus), and, though papyri do not reach later than Sept. 29 of his 7 th year (P. Brit. Mus. 1243 ; cf. Archiv, iv. 553), the accession of Carus with Carinus and Numerianus is generally assigned to the autumn (Oct.?) of the year beginning Aug. 29, 282. 55, dated April 7 of their Ist year, is the only Egyptian record of their reign apart from coins of the ist and 2 nd years of Carus and Ist-3rd years of Carinus and Numerianus, and 1564 (March 23 of the ist year of Carinus alone, the papyrus having probably been written soon after the death of Carus). With the accession of Diocletian firmer ground is reached, especially as datings by consuls began to supplement, before they supplanted, those by regnal years, and there is no reason to doubt that his ist year in Egypt began soon after Aug. 29, 284, from which the era of Diocletian dated.

The new evidence already adduced in the present volume, besides suggesting doubts as to the correctness of the received chronology of Valerian and Gallienus (1407. int.), has confirmed the evidence of Alexandrian coins with regard to the existence of a 7 th year of Aurelian (1455. 20), and a reconsideration of the chronology of the whole period from $250-284$ is necessary. Under these circumstances the opportunity afforded by the horoscopes of verifying on astronomical grounds dates by the regnal years of Valerian and Gallienus, Macrianus and Quietus, and Carinus is particularly weicome, since it enables us to decide whether the evidence of 1455 can be reconciled with that of the Strassburg papyri and P. Tebt. $5^{81}$ either by pushing back the accession of Valerian and Gallienus from Sept.-Oct. 253 to a month before Aug. 29 and not later than June of that year (on account of 1187, which would have to belong to June 20,253 , instead of June 20,254 ), or by making the accessions of Tacitus, Probus, and Carus with his sons take place a year later than on the received chronology. One of those two alternatives seems at first sight to be the only method of accounting for a 16 th year of Gallienus as well as a $3^{\text {rd }}$ of Claudius and 7 th of Aurelian ; but either of them would lead to difficulties, the second by upsetting the received dates of the consuls in 276-284, the first by necessitating the elimination of Aemilianus (on the hypothesis that Valerian ignored him and dated from the death of Gallus), or the deduction of a year from the reign of Gallus and Volusianus, and in either case making 1187 earlier than 1119 (cf. p. 230).

Dr. J. K. Fotheringham, whose authority on matters relating to Graeco-Roman chronology is well known, has kindly computed from Neugebauer's Tafeln zur astronomischen Chronologie, ii (1gi4), the correct position of the heavenly bodies indicated in the four horoscopes of this volume, and we present his results in tabular form. In the case of 1563, where the figure of the hour is obliterated, it is assumed that the middle of the sign Capricorn (in which was the Фробкónos) was on the horizon, i. e. I. 45 p.m. Egyptian time (which $=$ II. 45 a.m. Greenwich time). In 1476 the ' 1 oth hour completed, 2 minutes' is regarded as $3.48 \mathrm{p} . \mathrm{m}$., and the ' 1 st hour' in 1564 as $6.59 \mathrm{a} . \mathrm{m}$., but in $1565 \mathrm{as} 6.35 \mathrm{a} . \mathrm{m}$., the hour in all three cases being reckoned as $\frac{1}{12}$ of the interval between sunrise and sunset at Oxyrhynchus. In the case of 1563 and 1476 computations have been made both for the years according to the generally received chronology of Gallienus (A. D. 258 and 260 respectively) and for the years preceding (which in 1476 involves a difference of $I$ in the Julian equivalents of the days owing to intercalation). A.D. 257 and 259 would of course only be applicable if the accession of Valerian and Gallienus took place before instead of after Aug. 29, $\mathbf{2 5 3}$. In the case of $\mathbf{1 5 6 4 - 5}$, where details of the astronomical positions were not given, the computations for the generally received dates are sufficient; for in any two consecutive years the signs occupied by at any rate Mars and the moon would inevitably be quite different, so that the agreement between the statements of the horoscopes and the facts with regard to those bodies in the years 283 and 293 is adequate proof of their disagreement in the years 284 and 294.

1563

| Saturn | Pisces $2^{\circ}$ |
| :--- | :--- |
| Mars | Cancer $\left[.0^{\circ}\right]$ |
| Jupiter | Cancer $\left[.0^{\circ}\right]$ |
| Venus | Leo I $9^{\circ}$ ? |
| Sun | Libra $30^{\circ}$ |
| Mercury | Libra $3^{\circ}$ |
| Moon | Capric. $2[.]^{\circ} 43^{\prime}$ |
| Horoscopos | Capric. $\left[.0^{\circ}\right]$ |

Sept. 24, 258
Pisces $7^{\circ} 21^{\prime}$ Cancer $21^{\circ} 20^{\prime}$
Cancer $10^{\circ} 5^{\prime}{ }^{\prime}$
Leo $19^{\circ} 44^{\prime}$ Libra $0^{\circ} 43^{\prime}$ Libra $12{ }^{\circ} 45^{\prime}$
Capric. $29^{\circ} 26^{\prime}$
Capric. $15^{\circ}$

Sept. 24, 257
Aquarius $23^{\circ} 4^{\prime}$
Libra $19^{\circ} 42^{\prime}$
Gemini $10^{\circ} 4^{\prime}$
Virgo $22^{\circ} 3^{8^{\prime}}$
Libra $0^{\circ} 5^{8}$
Libra $25^{\circ} 22^{\prime}$
Virgo $19^{\circ} 4^{6}$
Capric. ${ }^{5} 5$

|  |  | 1476 | Sept. 29, 260 | Sept. 30, 259 |
| :---: | :---: | :---: | :---: | :---: |
|  | Horoscopos | Aquarius $28^{\circ}$ | Aquarius $26^{\circ} 33^{\prime}$ | Aquarius $26^{\circ} 5^{\prime}$ |
|  | Saturn | Aries $1 I^{\circ} 3^{2}$ | $\text { Aries } 5^{\circ} 4^{\prime}$ | Pisces $21^{\circ} 6^{\prime}$ |
|  |  | in opposition ( | $\begin{aligned} & \left(0^{\circ} 33^{\prime}\right. \text { from opp.) } \\ & \text { Leo } 0^{\circ} 8^{\prime} \end{aligned}$ |  |
|  | Mars | Beginning of Leo | Leo $0^{\circ} 8^{\prime}$ | Scorpio $7^{\circ}$,59 |
|  | Jupiter | Virgo $3^{\circ}\langle \rangle^{\prime}$ | Virgo $3^{\circ} 35^{\prime}$ | $\text { Leo } 8^{\circ} 4^{\prime} 6^{\prime}$ |
|  | Venus | Virgo $8^{\circ} 16^{\prime}$ | Virgo 11 ${ }^{\circ} \mathrm{I}^{\prime}$ | Scorpio $6^{\circ} 45^{\prime}$ |
|  | Mercury | - Virgo $23{ }^{\circ} 44^{\prime}$ | Virgo $27^{\circ} 23^{\prime}$ | Virgo $18^{\circ} 14^{\prime}$ |
|  | Sun | Libra $8^{\circ}$ | Libra $6^{\circ} 19^{\prime}$ | Libra $6^{\circ} 3^{2^{\prime}}$ |
|  | Moon | (Capric.) $8^{\circ} 32^{\prime}$ | Capric. $9^{\circ} 5^{8 \prime}$ | Leo $18^{\circ} 4^{\prime}$ |
|  | 1564 | March 23, 283 | 1565 | Aug. 28, 293 |
| Horosc. | c. Aries | Aries $21^{\circ} 53^{\prime}$ | Virgo | Virgo $17^{\circ} 20^{\prime}$ |
| Sun | Aries | Aries $1^{\circ} 51^{\prime}$ | Virgo | Virgo $4^{\circ}{ }^{16} 6^{\prime}$ |
| Mars | Taurus | Taurus $15{ }^{\circ} 6^{\prime}$ | Scorpio | Scorpio $3^{\circ}{ }^{4} 9^{\prime}$ |
| Moon | Cancer | Cancer $0^{\circ}{ }^{2} 5^{\prime}$ | Far in Sagitt, | Sagitt. $27^{\circ} 53^{\prime}$ |
| Jupiter | Cancer | Cancer $12{ }^{\circ} 7^{\prime}$ | Gemini | Gemini $21^{\circ} \mathbf{1 3}^{\prime}$ |
| Saturn | Capric. | Capric. $17^{\circ} 3^{\prime}$ | Beginning of Gem | Gemini $0^{\circ} 3^{\prime}$ |
| Mercury | y Pisces | Pisces $4^{\circ}{ }_{26} 6^{\prime}$ | End? of Leo | Leo $29^{\circ} 57^{\prime}$ |
| Venus | Pisces | Pisces $13{ }^{\circ} 19{ }^{\prime}$ | Libra | Libra $18^{\circ} 56^{\prime}$ |

Dr. Fotheringham writes 'It is clear that the data given on the horoscopes are obtained by computation, not by observation; for all the horoscopes are cast for some time during the day, when the stars were invisible, and even the moon was above the horizon on only one of the four occasions (1476). The agreements for the years $258,260,283,293$ are so close as to remove all possible doubt of the dates for which the horoscopes were cast. In comparing the signs given on the horoscopes with those found by computation, it should be observed that the horoscopes always name them in order, either beginning or ending with the Horoscopos. The bodies falling within six signs after the Horoscopos would normally be below the horizon, and those within six signs before the Horoscopos would normally be above the horizon.' The order of the signs to which he alludes is also observed in most other horoscopes, but not in 585, P.S.I. 22. 29-38, 23. 1-12, 24 . 11 -19, and 25 : it is sometimes a useful help in supplying gaps; cf. 1476. і 2, n., 1563. 8.

The valuable results of the astronomical evidence are thus to confirm the generally accepted dates of the accessions of Valerian and Gallienus (between Aug. 29 and Oct. 22, ${ }^{253}$ ) and Carinus (about Oct. 282), and there is no longer any doubt about the Julian years corresponding to their regnal years, or any reason to question the accuracy of the consul-lists between 251 and 284 . The period of uncertainty in the datings by regnal years is now limited to $268-75$. Here there must be some errors in the evidence concerning the duration of reigns, and if the limits securely fixed by the horoscopes are observed, either the last year of Gallienus was really his 15 th, not 16 th, or that of Claudius his $2 n d$, not 3 rd, or that of Aurelian his 6th, not 7 th. The papyri which give the fullest information on this period are P. Strassb. 6-8, a series of receipts for payments of 2,000 drachmae a year, generally in two instalments, by the same persons on account of sheep-tax ; these begin in the 2 nd year of Valerian and Gallienus, and proceed regularly through the reign of Macrianus and Quietus up to the 15 th year of Gallienus, when 1,000 dr. were paid on Sept. 14, 267, and March 20, 268. The next entries are 1,000 dr. on Nov. 5 and March 26 of the ist year of Claudius, on Sept. 2 I and July $\mathrm{I}_{7}$ of his 2 nd, and Sept. 20 of his 3 rd, $\left[\kappa a \grave{\imath} \gamma\right.$ ( ${ }^{\prime \prime}$ тous) $]$ being a certain
restoration in the last line of P. Strassb. 7. P. Strassb. 8 records the usual payments on March 3ist of Aurelian's ist year (the earliest extant reference to him) and on Nov. if and April 13 of his 2nd year, after which there was no further payment until Nov. 5 of the $5^{\text {th }}$ year (the reading of the month and the figure of the year is somewhat doubtful), when $4,000 \mathrm{dr}$. were paid on account, followed by a payment of $3,000 \mathrm{dr}$. on account on June 8 of the ist year of Tacitus (i.e. 276). P. Strassb. 10. 25 has the earliest reference to Claudius (Oct. 16 of his ist year), and P. Strassb. ir. $9^{-15}$, written on March 10 of his ist year, mentions the 'past $15^{\text {th }}$ year', sc. of Gallienus. This evidence in favour of Claudius' accession between Aug. 29 and Oct. 16, 268, fits in very well with P. Tebt. 58 1. 1-3 ếrous
 $\epsilon^{\prime}$ ' being much less suitable than $\iota^{\prime}$ ), which is the only direct reference to the 16 th year indirectly implied by the Strassburg texts. The 3 rd year of Claudius is also mentioned in
 (the latest extant reference to him) he may have been dead. The brief reign of his brother Quintillus, lasting a few weeks probably, was recognized in Egypt by the issue of coins in his name, but is not attested by papyri. Since Aurelian became consul on Jan. 1, 271, the Strassburg papyri seemed to limit definitely the date of Aurelian's accession to the period between the end of Sept. and the end of Dec. 270 ; but against them must be set (i) the statement of 1208. I I that the 2nd year of Claudius became the ist of Aurelian, which has generally been regarded as a mere error ( $\beta$ for $\gamma$ ), (2) the date in 1455. 20, Oct. i 8 of Aurelian's 7 th year, (3) a date in 1633. 38 , Aug. 23 of his 6 th year. All of these require the accession of Aurelian to have taken place before Aug. 29, 270, and, when taken in combination with the dates of Aurelian's rst year (P. Strassb. 8. I March 3r ; 1200. $5^{8}$ May 25 ; cf. $1475 . \mathrm{int}$.), some time before the end of March 270.

From this impasse there seems to be only one method of escape, since the astronomical evidence bars the two simplest ways out of the difficulty. A year has to be eliminated, and the choice is in the last resort best left to the coins. These support the 3 rd year of Claudius and 7 th of Aurelian, but not the 16 th of Gallienus. Sallet (Die Daten der alex. Kaisermünzen, 73), after rejecting three supposed examples of that year, was disposed to accept the statement of Cohen that he had seen one, but neither the British Museum nor the Dattari collection contains any coins of the 16 th year, and Mr. Milne has not met with one, although he has examined four large hoards covering this period, which contained altogether 889 coins of the 15 th year of Gallienus and 864 of the rst year of Claudius. There is thus a very high degree of probability that, if there had been any coins of the 16 th year of Gallienus, they would have occurred in these hoards, and it is almost certain that Cohen was mistaken. The accession of Claudius must in any case have taken place near the beginning of the Egyptian year, since it was known at Hermopolis by Oct. i6 (P. Strassb. 10. 25). If he really came to the throne in July 268 shortly before the close of Gallienus' 15 th year, it is quite possible that coins of the rst year were minted at Alexandria, but that the news of his accession did not penetrate into the upper country until Sept.-Oct., thus giving rise to a second system of dating, according to which Gallienus entered upon his 16 th year and Claudius' 1 st and 2 nd years corresponded to his and and 3 rd by the official reckoning. It is true that in the case of other emperors who came to the throne shortly before Aug. 29, e. g. Tiberius and Hadrian, no trace of a double system of reckoning their regnal years is found (cf. 1453. int.) ; but 1208. II is, so far as we are aware, the only example of a clear divergence from the official mode of reckoning an emperor's reign, and may well be more than a mere slip. P. Strassburg 10 and if can easily be explained as examples of the Upper Egyptian reckoning parallel to 1208, while P. Tebt. $5^{81}$, dated by Gallienus probably two months or more after his death, is not more remarkable than e. g. 104, which is dated by Domitian more than two months after his death, or
B. G. U. $5^{1} 5$, which is dated by Commodus five months after his death; cf. Wilcken, Ost. i. 802 , Hohmann, op. cit. 51 sqq. The only really serious objection to the hypothesis that the dates in the early part of the ist year of Claudius refer to a different system from that implied by the coins and papyri which extend to the 3rd year, is P. Strassb. 7, which has two entries in his ist year, two in his 2 nd, and one in his 3 rd. In order to reconcile that papyrus with the chronology of Claudius which we prefer (July 268 -Jan. 270 ), it is necessary to suppose that the scribe has confused the two systems, and has put down two entries too many. This is not very satisfactory, but is preferable to supposing that coinage was issued in Aurelian's name for a year which did not come into existence, and that 1455 was written a whole year after Aurelian's death, in the 2nd year of Probus.

#  $\Sigma \in \beta a \sigma \tau \hat{\omega} \nu \quad \Phi a \bar{\omega} \phi \iota \beta \quad \dot{\eta} \mu \epsilon^{\prime} \rho \alpha$, <br>  <br>  <br> 5 Kрóvov $K \rho \epsilon \iota \hat{\varphi}$ « $\lambda \epsilon \pi(\tau \hat{\omega} \nu) \lambda \beta \underset{\alpha}{\alpha} \kappa \rho \omega ́ \nu v$ - <br> $\kappa \operatorname{Tos} \dot{\alpha} \phi a \iota \rho \in \tau[[\kappa o ́] s$, <br> "Apクs Aéovtı aủ. [.]? $]$ ¢pos, <br>  <br>  <br>  <br> $\dot{\eta} \lambda \iota o s Z_{v \gamma}{ }^{\omega} \eta$, <br> $\sigma \in \lambda \hat{\eta}[\nu \eta]\langle A i \gamma o ́ \kappa \epsilon \rho \varphi\rangle\langle\mu o t(\rho \hat{\omega} \nu) \eta \lambda \in \pi(\tau \hat{\omega} \nu) \lambda \beta$. <br> $\sum \alpha \rho a \pi[\alpha ́] \mu \mu \omega \nu o s$. 

## 5. 1. K $\rho$ óvos.

 is the word used by Ptolemy for an opposition, as Dr. Fotheringham informs us. Cf. I. in, where the position of the sun is nearly exactly six signs distant from that of Saturn, and int.
áфat $\rho \epsilon \tau<[\kappa o ́] s:$ Dr. Fotheringham writes 'A planet is said to be áфaıрєтıкós when the inequality in its longitude resulting from its anomaly or epicyclic motion is, if positive, diminishing, or, if negative, increasing. Substituting the heliocentric for the epicyclic theory of the motion of the planets, this would in the case of one of the outer planets, such as Saturn, mean that the planet would be á $\phi$ a $\rho e \tau$ toós when the excess of its geocentric over its heliocentric longitude was diminishing, or the excess of its heliocentric over its geocentric longitude increasing. Putting $l$ for heliocentric longitude, $\lambda$ for geocentric longitude, and $t$ for time, the condition is that $\frac{d(l-\lambda)}{d t}$ is positive. This condition is fulfilled by Saturn at both the dates for which the computation has been made.'
7. aủ. [.] [ $\quad$ eos : $\pi$ can be read in place of $\tau$, bute is almost certain. The actual position of Mars at the beginning of Leo (cf. p. ${ }^{2} 3^{2}$ ) suggests that the adjective corresponds to áp $\chi$ ás in 1565. 8, and in that case it would be expected to begin av̇o- or à̇ $\theta$-. à $\dot{v}[\hat{\eta}]$ uepos is unsatisfactory. Or it might begin with aigı- and be contrasted with adoı $\rho \in \tau$ roós in 1.6 ; but the
usual opposite of that term is $\pi \rho \sigma \sigma \theta \epsilon \tau$ ккós. Dr. Fotheringham remarks 'Mars is $\pi \rho \sigma \sigma \theta \epsilon \tau$ ккós at both dates. But in the absence of any numeral to express the position in Leo it is practically certain that the mutilated word means "at the very beginning", and has nothing to do with anomalistic motion.'
12. 〈Aiүóкєр $\varphi$ ) was supplied by Dr. Fotheringham from the astronomical calculations, and is in accordance with the position of this entry at the end after that dealing with Libra (l. I I) ; for the starting-point of the entries was Aquarius (1.4), and between Libra and Aquarius there are only Scorpio, Sagittarius, and Capricorn. A regular order was usually observed; cf. p. $23{ }^{2}$.
1477. Questions to an Oracle. $15.2 \times 8.9 \mathrm{~cm}$. Late third or early fourth century.
The recto of this papyrus contains part of a list of payments by $\gamma \epsilon \omega \rho \gamma \circ i$ (1532), written late in the third century. On the verso, probably written in or shortly before the reign of Diocletian, is part of a curious list of questions to a deity, which are similar to those found in P. Fay. ${ }^{1} 37-8$, B. G. U. 229-30, Wessely, Script. Gr. Spec. 26, P. Brit. Mus. 1267 (Archiv, iv. 559), 823, 1148-9, and 1213. Each question was numbered consecutively: those preserved are nos. 72-92 with slight traces of a preceding column, and there is likely to have been at least one later column, unless the papyrus was much reduced in breadth before the verso was used. There seems to be no particular plan in the arrangement of the questions, which are of a general character, suitable for persons of various ranks, not one particular individual, and apparently intended to cover the principal subjects on which people were accustomed to appeal to the gods for information. The numbering suggests a possible reference to a spell of some kind as the mode to be employed in obtaining answers, but the purpose of the document as a whole is quite obscure. A high stop is employed after the figures.

```
    o\beta, \epsiloni \lambda\etá\mu\psiо\mu\alpha\iota \tauò ó\psi'\omegáv\iotaov;
    o\gamma, \epsilon\hat{i}}\mu\epsilon\nu\hat{\omega}\mathrm{ ö}
    o\delta, \epsilon\hat{i}\pi\omega\lambdaov̂\mu\alpha\iota;
    o\epsilon, \epsilon\hat{i}}\mp@subsup{\epsilon}{}{\prime}X\omega \omegáф\epsiloń\lambda\iota\alpha\nu \alphȧ\piò \tauov̂ \phií\lambdaov
5 05, \epsiloní \delta'́\deltaотаí \muol Éт\epsilońp% \sigmauva\lambda\lambda\alphá\xi\alphal;
    o\zeta, \epsiloníi кат\alpha\lambda\lambda\alphá\sigma\sigmaо\mu\alpha\iota \epsilonis \tauòv yóyov; [
    о\eta, \epsilonî \lambda\alpha\mu\beta\alphá\nu\omega ко\muí\alphaто\nu;
    o0, \epsilonî \lambda\etá\mu\psi\mp@code{\mua\iota \tauoे \alphá\rho\gammav́p\iotaov;}
```



```
10 \pi\alpha, \epsiloni к\epsilon\rho\delta\alphaí\nu\omega \alphȧ\piò \tauо仑ि \pi\rho\alphá\gamma\mu\alpha\tau[0S;
    \pi\beta, đi \pi\rhoо\gamma\rho\alphá\phi\epsilon\tau\alpha\iota \tau\grave{\alpha \epsiloń\mu\alphá;}
```

```
    \pi\gamma, \epsilonî \epsilonंर\etá\sigma\omega \pi\omega\lambda\etaे\sigma\alphal;
    \pi\delta, \epsiloni\hat{i}\deltav́v\alpha\mu\alpha\iota \deltà \epsilon! }\nu0v\muov̂\mu\alpha\iota \hat{\alpha}\rho\alpha[l;
    \pi\epsilon, \epsiloni \gammaívo\mua\iota \beta\iotaómpaтоs;
15 \pi5, \epsilonî фv\gammaа\deltaєv́\sigmaо\mual;
    \pi\zeta, \epsilonî \pi\rho\epsilon\sigma\beta\epsilonv́\sigma\omega;
    \pi\eta, \epsilonî \gammaivo\mua\iota \betaov\lambda\epsilonv\tau\etás;
    \pi0, \epsilonî \lambdaर́\epsilon\tau\alphaí \muov ò \delta\rho\alpha\sigma\muós;
    9, \epsilonî̀ \alpha}\pi\alpha\lambda\lambda\alphá\sigma\sigmaо\mu\alpha\iota \tau\eta\s \gammav\nu\alpha\iotaкó{s
20 qa, \epsilonî \piєфар\mu\alpháк\omega\mu\alphal;
    g\beta, \epsilonî \lambda\alpha\mu\beta\alpháv\omega [\tau]ò !'O[to]\nu;
```


' 72 , shall I receive the present ? 73 , shall I remain where I am going? 74, am I to be sold up? 75 , am I to obtain benefit from my friend? 76 , has it been granted to me to make a contract with another person? 77 , am!I to be reconciled (?) with my offspring (?)? 78 , am I to get furlough (?) ? 79 , shall I get the money? 80 , is the person abroad alive? 81, am I to profit by the transaction? 82, is my property to be sold by auction ? 83 , shall I find a means of selling? 84, am I able to carry off what I am thinking of ? 85 , am I to become a beggar (?)? 86 , shall I take to flight ? 87 , shall I become an ambassador (?)? 88 , am I to become a senator? 89, is my flight to be stopped ? 90 , am I to be divorced from my wife? 9r, have I been poisoned? $9^{2,}$ am I to get my own?...'

1. $\epsilon t$ is probably for $\eta$ rather than $\epsilon i$; cf. 1148. $2, \mathrm{n}$.

2. $\begin{gathered}\text { édorat : cf. 1213. } 4 \text { and n. } \\ \text { n. }\end{gathered}$
3. yóvov is not very satisfactory, especially as the first letter is more like $\sigma$ than $\gamma$. But the third, if not $\nu$, must be $\kappa$ or $\mu$, and there is no room for $\sigma$ óv followed by a word beginning with $o$, unless the latter was abbreviated.
4. коріатор apparently $=$ commeatum, and might mean 'provisions'.
 missible.
5. Whether $\pi \rho \epsilon \sigma \beta \epsilon i ́ \sigma \omega$ refers to rank or age or an embassy is not clear. A $\beta$ oviduri's $\pi \rho \epsilon \sigma \beta$ ứatos occurs in P. Giessen 34. 2 ; cf. the next line here.

## 1478. Gnostic Charm for Victory.

$$
5.4 \times 11.9 \mathrm{~cm} \text {. Late third or early fourth century. }
$$

A short Gnostic charm, containing a prayer for the success of a certain Sarapammon in a race. The efficacy of the amulet depended on ten or eleven magical symbols and the invocation of a mysterious deity, whose name is written in larger letters. P. Brit. Mus. 121. 390-3 (i. 97), entitled vıкทтıкòv $\delta \rho о \mu \epsilon \epsilon \omega s$, is similar. The writing is across the fibres.

Nєıкŋтєкòv $\Sigma^{\alpha} \alpha \rho \alpha \pi \alpha ́ \mu \mu \omega \nu \epsilon \iota ~ v i ̣ ̂ ~ ' A \pi о \lambda-~$ $\lambda \omega \nu \epsilon i ́ o u$. magical symbols.




'Charm for victory for Sarapammon son of Apollonius . . . Grant victory and safety in the race-course and the crowd to the aforesaid Sarapammon in the name of Sulicusesus.

5. The beginning of the name recalls that of $\Sigma u \lambda i n \lambda$, an angel at the end of the list in P. Brit. Mus. 124.36 sqq. (i. 123).

## IX. PRIVATE CORRESPONDENCE

1479. Letter to Thracidas from Alexandria.

$$
12.5 \times 15.2 \mathrm{~cm} . \quad \text { Late first century в. с. }
$$

The concluding part of a letter to Thracidas from a person who had apparently gone to Alexandria in connexion with a law-suit, Thracidas, who had been with the writer; having left him shortly before (cf. l. 7). It is joined on the right to another letter from a different person to the same Thracidas, of which the beginnings of eight lines survive. The handwriting in the two cases leaves no doubt that the reign mentioned in 1. 14, where the number of the year is lost, was that of Augustus. The first letter is a palimpsest, but the earlier writing was completely obliterated.

є́ко $\mu \iota \sigma \dot{\alpha} \mu r_{1} \nu \quad \tau\langle\grave{o}\rangle$ '̇ $\pi \iota \sigma \tau o ́ \lambda[l] o \nu \quad \Theta \rho \alpha \sigma v \beta$ oú $\lambda(o v)$


5 ס̀̀ ó $\sigma v \nu \eta ́ \gamma o \rho o s ~ o u ้ \pi \omega ~ ' ~ \epsilon ่ \pi \epsilon \lambda \eta ́ \lambda \nu \theta \epsilon \nu$

тє́ $\theta \in เ \tau \alpha l$. $\alpha \phi^{\prime}$ ồ $\kappa \in \chi \omega ́ \rho \iota \sigma \alpha \iota ~ \tau \eta ̂ ~ เ ร$
$[\kappa] \epsilon \chi \rho \eta \mu \alpha ́ \tau \iota к \in \nu \quad$ इaßєìоs. Фıлонои́ $\sigma \omega$

On the verso
$15 \quad$ Opaкíq.
3. $\gamma$ of $\epsilon \gamma$ inserted above the line (?). $\quad \pi$ of ovi $\omega$ corr. from $\lambda$. 8. $\omega$ of $\phi\rangle \lambda o \mu o v \sigma \omega$ above the line. 13. l. ivai( $1 \eta \mathrm{~s})$.
'. . . I received the letter of Thrasybulus at Canopus; accordingly I have not yet obtained the documents, but they are lying collated. Apis the advocate has not yet examined the documents, but has delayed from day to day. Since you went away on the 16th, Sabinus has been acting in the business. I told Philomusus to come to you. Send a decoction of cabbage for Ptollas in the load. Homerus salutes you and Tahermas and Phileros and his wife. Take care of yourself, so that you keep in good health. Goodbye.' Date. (Addressed) 'To Thracidas.'

1. $\gamma \nu \omega[\sigma] r \eta \rho: c f .1490 .2, \mathrm{n}$.



2. There is a short space before ' ' $\phi$ ' o ${ }^{3}$.
3. $\Phi_{i} \lambda о \mu \sigma v \sigma \omega$ : the last letter might be $o$, but the dative was clearly meant.
4. кра $\beta \beta \epsilon \iota$ is more likely to be for $\kappa \rho a \mu \beta \epsilon i o \nu$, a word found in medical writers, than for кра́ $\beta \not{ }^{\prime} \nu$.

I3. This, the usual late Ptolemaic formula, is still found in A.D. 57 ; cf. B. G.U. 1095. 22.

## 1480. Letter of Hermogenes to a Prophet;

$$
30 \times 5.8 \mathrm{~cm} . \quad \text { A. D. } 3^{2}
$$

An incorrectly spelled letter, written in the reign of Tiberius to a prophet by a friend, with reference to a delay (?) in making some payment, in which a comogrammateus and eclogistes (auditor of accounts of the nome; cf. 1436. 23, n.) were concerned.

каi סià $\pi \alpha \nu \tau o ̀ s ~ u ̛ \gamma ı \epsilon ́(\nu \epsilon \iota \nu)$ ．
5 оủ火 ${ }^{\eta} \mu \epsilon ́ \lambda \eta \sigma \alpha \pi \epsilon \rho \grave{~}$
ô̂ $\mu \circ \iota$＇̇ $\pi \iota \tau \in ́ \tau \alpha \chi^{\alpha}$ ．
є́ $\pi о \rho \epsilon \dot{\theta} \theta \eta \nu \quad \pi \rho o ̀ s$
＇$E \rho \mu \circ \gamma \epsilon \in \nu \eta \nu$ тò̀ к $\kappa$－
$\mu o \gamma \rho[\alpha] \mu \mu a \tau \epsilon ́ \alpha \nu$ ，каi

$\tau \grave{\eta} \nu \dot{\alpha} \nu \alpha \beta \circ \lambda \dot{\eta} \nu \quad \pi \epsilon \pi o ́ \eta-$
$\tau \epsilon \epsilon i s ~ \tau o ̀ \nu ~ \in ́ \kappa \lambda о \gamma \iota \sigma \tau \eta \eta^{\nu}$ ．


$\pi а р а к а \lambda \widehat{\omega}[\sigma \epsilon \mu \epsilon-$
$\gamma \alpha \bar{\lambda} \omega s, \pi[\epsilon \in \mu \psi \alpha$
$20 \tau \widehat{̣} v i ̣ ̂ ̣\left[0 \nu \phi \alpha^{-}\right.$
$\sigma$ б $\mu 0 \iota \lambda[\ldots$
$\pi \in \rho i \quad \alpha \underset{[ }{[ } \tau 0 \hat{v} . . .$,
каì үра́ $\psi\left[\begin{array}{ll}\text { 人 } & \mu 0 \iota \\ \pi \epsilon \rho i ̀ ~\end{array}\right.$
$\hat{\omega} \nu \nu \dot{\eta}\left[\begin{array}{l}\alpha \\ \hline\end{array} \nu \delta \nu v[\omega-\right.$
${ }_{2} 5 \mu \epsilon \kappa \alpha[i] \dot{\eta} \delta \dot{\eta} \tilde{[ } \omega \mathrm{s}$
$\pi о \neq \sigma \omega . \quad \stackrel{\text { ¢ }}{\text { ¢ }} \rho \rho \omega[\sigma \sigma$.
(є̈тоus) iך Tıßєрíou Kaíбароs
$\Sigma_{\epsilon} \beta a \sigma \tau \circ \hat{v} M \epsilon \chi(\epsilon i \rho)$ ı $\theta$.

On the verso


 tıßepıov corr．from o．29．Second $a$ of mapa above the line．
＇Hermogenes to Haruotes the prophet，my dear friend，greeting and best wishes for your continual health．I did not neglect your instructions：I went to Hermogenes the comogrammateus，and he consented to make the delay．He has made it as far as the eclogistes is concerned（？）．For the rest，if you can get a letter from the eclogistes himself for Hermogenes，in order that he may not keep the ．．．，I urge you strongly to send my son a message for me ．．．；and write to me concerning what I can do，and I will gladly do it． Good－bye．The 18 th year of Tiberius Caesar Augustus，Mecheir 19．（Addressed）Deliver to Haruotes the prophet from Hermogenes son of Heracl（ ）．＇

11．àvaßo入另：this word is generally used in papyri in a literal sense（e．g．with vavpiav in B．G．U．593．3），and the meaning here is uncertain．

18．$\pi а \rho а к а \lambda \hat{\omega}$ ，instead of being the apodosis of $\langle\bar{\epsilon}\rangle$ à $\nu \delta \dot{v} \nu n$, may start a fresh sentence．

23．$\gamma \rho a ́ \psi[$ $o \nu$ ：or $\gamma \rho a ́ \psi[a \iota$ or $\gamma \rho a ́ \phi[\epsilon \epsilon \nu$ ．

## 1481．Letter of a Soldier to his Mother．

$9.3 \times 12.5 \mathrm{~cm}$ ．Early second century．
The first part of an early second－century letter of more than usual interest，written by a soldier in camp to his mother，reassuring her about his health，acknowledging the receipt of various presents（ll．7－9 $\theta a \lambda \lambda i ́ a$ and $\theta a \lambda \lambda o ́ s$ ）， and expressing his general satisfaction：B．G．U． 423 （＝W．Chrest．480），the well－ known letter from Italy of a soldier serving in the fleet to his father，which is
a little later in date, was written in a still more cheerful tone ; cf. also Griech. Texte 20. The writing is across the fibres.
$\Theta \epsilon \omega \nu \hat{\alpha} s T \epsilon \theta \epsilon \hat{v} \tau \iota \tau \hat{\eta}_{\iota} \mu \eta \tau \rho i ̀$ каì кvрía $\pi \lambda \epsilon i ̂ \sigma \tau \alpha \quad \chi^{\alpha i}(\rho \epsilon \iota \nu)$.










In the left-hand margin at right angles
$\mu \grave{\eta}$ '̇ $\pi \iota \beta \alpha \rho o \hat{v} \pi \epsilon \epsilon \mu \pi \epsilon \iota \nu \tau \iota \dot{\eta} \mu \hat{\nu} \nu \tau \omega[$
On the verso
$\dot{\alpha} \pi \grave{o}$ e $\Theta \epsilon \omega \nu \hat{a} \tau o s[T \epsilon \theta \epsilon \hat{v} \tau \iota \ldots$
3. l. єiци. 4. l. $\lambda \nu \pi \pi o \bar{u}$. . єं $\lambda \nu \pi \pi^{\prime} \theta \eta \nu$.
'Theonas to Tetheus his lady mother, many greetings; I would have you know that the reason why I have been such a long time without sending you a letter is that I am in camp, and not that I am ill ; so do not grieve about me. I was much grieved to hear that you had heard about me, for I was not seriously ill; and I blame the person who told you. Do not trouble to send me anything. I received the presents from Heraclides. Dionytas my brother brought me the present, and I received your letter. I give thanks to (the gods) .. . continually, . . . (Postscript) Do not burden yourself to send me anything. . . . (Addressed) From Theonas to Tetheus...?
7. $\theta a \lambda \lambda i a$ : in P. Brit. Mus. 335.20 (ii. 192) $\theta a \lambda(\lambda) \epsilon i a$ corresponds to $\theta a \lambda \lambda o \hat{v}$ in 1. 17 ;
 in P. Ryl. 166. ı8, n.

1482. Letter of Morus to a Friend.

$$
21.4 \times 12.2 \mathrm{~cm}
$$

Second century.
On the recto of this papyrus are the beginnings of the first seventeen lines of a letter from Epimachus to Panares written about A. D. 120-60. The only passage

arodés. On the verso is a letter to the same Epimachus from a friend called Morus, who together with Panares had been winnowing some barley under difficulties caused by the weather. Storms such as that described in 11. 6-9 are not uncommon in January at Oxyrhynchus. The script is the rude uncial of an illiterate writer, who makes numerous mistakes of spelling in spite of several corrections.

M $\hat{\omega} \rho o s{ }^{\prime} E \pi \iota \mu \alpha ́ \chi \varphi \quad \tau \hat{\omega} \iota \quad$ кирícı $\mu о v$ X $\alpha i \rho \epsilon i \nu$.

$\tau \grave{\eta} \nu$ крit $\grave{\eta} \nu$ тồ Aủaoítov $\tau \hat{\eta} \eta$, каì oủ










${ }_{15} \kappa \alpha \grave{\imath}$ оúk $\epsilon \dot{v} \theta \dot{\chi} \chi \alpha \lambda \kappa \alpha$, $\dot{\alpha} \lambda \lambda \grave{\alpha} \mu \epsilon \tau \grave{\alpha} \tau \epsilon \tau \rho \alpha ́-$





$\tau \rho o ́ s ~ \sigma o v ~ \dot{\alpha} \pi о \tau \epsilon \in \theta \epsilon \iota \kappa \alpha$ т̀̀̀ $\mu \epsilon \rho i ́ \delta \alpha \nu \mu o v$.


к[ai . . . . . . . . ]

[ ] кúplé $\mu$ ov.



 18. s of $\mu \epsilon \rho o s$ above $\nu$, which is crossed through. 19. s of $\kappa \lambda \eta \rho o v s$ above the line. I. $\epsilon i$
for $\eta$. $\epsilon$ of $\mu \epsilon \iota \xi a \iota$ corr. $\quad 21, \nu$ of $\tau \eta \nu$ above the line. 22. l. $\pi \rho \sigma \sigma \kappa \dot{\nu} \nu \eta \mu a$. к of кає corr. ${ }^{2} 5$. 1. $\left.\epsilon \rho \rho \bar{\omega}\right] \sigma \theta a \iota$.
' Morus to my lord Epimachus, greeting. I write to inform you that we have winnowed the barley of the man from the Oasis on the 8th, and we never had so much trouble in winnowing it ; for it rained and the wind was irresistible, and Panares knows how we worked to succeed in transferring all the rest with the help of the gods. The total result was 38 artabae 4 choenices; of these I have disposed beforehand of $\mathbf{I 2} \frac{1}{2}$ art. 8 choen. I made inquiries about the price of annual grass: it was sold in the village at 7 drachmae the load, as Panares too knows. After many inquiries I found some that was dry, and not to be paid for in ready money, but after four months. You will examine the question how you are to transport it, and, if you please, write to me about this, and say what proportion I am to dispose of beforehand from the large holding, and whether you want me to mix what belongs to the man from the Oasis with the rest. I have stored my share in the room belonging to your father. I supplicate on behalf of you and all your children and all your brothers and... I pray for your health, my lord.'
7. $\pi \epsilon \pi \sigma\langle(\eta\rangle \kappa a \mu \epsilon \nu$ : or $\pi \epsilon \pi \sigma\langle\nu \dot{\eta}\rangle \kappa a \mu \epsilon \nu, \pi \epsilon \pi\langle\dot{\omega}\rangle \kappa a \mu \epsilon \nu$ is less likely.
 common in papyri, but $\dot{\epsilon} \phi \epsilon \tau \iota \nu o ́ s ~ i s ~ a p p a r e n t l y ~ a ~ n e w ~ f o r m . ~$
15. єiӨúxàка: a rare adjective, for which Ducange cites Basilic. 9. 3.
16. The object of $\beta_{a \sigma \tau}$ ísís $^{(s)}$ ) (cf. crit. n.) is probably the barley (cf. l. 19), not the grass.
24. $\kappa\left[a i\right.$ was followed by a name, or $\kappa\left[a \tau^{\prime} \ddot{\partial \nu} \nu \mu a\right]$ can be read.
25. $\left.\dot{\epsilon}^{\prime} \rho \rho \bar{\omega}\right] \sigma \tau \epsilon \sigma^{\prime}$ : the last two letters could be $\sigma \epsilon$, but the first two cannot be read as $\dot{\epsilon} \rho \rho \omega \hat{\omega \theta} \theta$ at or $\left.{ }^{\epsilon} \rho \rho \bar{\omega} \sigma\right] \tau \epsilon$.

## 1483. Letter of Reprimand to a Subordinate.

$$
15.8 \times 8 \mathrm{~cm} . \quad \text { Late second or early third century. }
$$

A sharply worded letter from Dius to Zoïlus, who, though called the writer's friend in one of the two addresses on the verso, is blamed for his absence and for having presented an unsatisfactory account of payments in connexion with a vineyard or garden-land. At the end Dius threatens to take measures against Zoïlus' surcty, and throughout writes in the tone of an official superior. Not improbably he was an $\grave{\epsilon} \pi \iota \tau \eta \rho \eta \tau \eta \eta_{s}$ and Zoillus a $\chi \in \iota \rho \iota \sigma \tau \eta$ s, the land belonging to an ovoía, or being at any rate administered by the government. The date of the letter is probably the period from Commodus to Caracalla.
$\Delta i o s ~ Z \omega i ̈ \lambda \omega l$ X $\alpha i ́ \rho \epsilon \iota \nu$.
 тои̂ T̂̂ß८ $\mu \eta \nu o ̀ s ~ к \alpha i ~ о u ̉ k ~ \hat{\eta} \lambda \theta \alpha s$. $\dot{\epsilon} \xi \epsilon \rho \chi o ́ \mu \epsilon \nu 0 s \delta_{\epsilon} \lambda o ́ \gamma o \nu \quad \mu о \iota$ סє́-

$\alpha u \tau o \hat{v}$ € $\xi \omega \delta \delta i ́ a \sigma \alpha s . \quad \gamma \rho \alpha ́ \phi \epsilon i s \delta_{\epsilon}$
 $\kappa \tau \eta ́ \mu \alpha \tau[\iota]$ § $\eta \tau \epsilon i \tau \alpha \iota, \hat{\omega} \nu \tau o ̀ \nu$ $\lambda o ́ \gamma o \nu \quad \delta \omega ́ \sigma[\epsilon \iota] s$ '่ $\nu \tau \hat{\omega}$ [ $\lambda] 0 \gamma \iota \sigma \tau \eta \rho i ́ \varphi$.



 тoupoîs каì $\mu$ órхous dóo oùs т́́Өvка[s,] каi $\begin{gathered} \\ \xi \\ \omega \delta i ́ a \sigma \alpha s ~ \tau о i ̂ s ~\end{gathered}$
Io aủvoîs $\hat{\omega} \nu$ oủ $\delta \grave{E}$ is $\mu \grave{\eta} \pi \alpha \rho \epsilon-$


Tòv Є̀ $\gamma \gamma v \eta \tau \eta \eta^{\nu}$ oou катє́ $\chi \omega$

$20 \tau \omega ิ \nu$ گŋтov $\mu \in ́ \nu \omega \nu$.
${ }_{\epsilon}^{\epsilon} \rho \rho \bar{\omega} \sigma \theta a i ́ ~ \sigma \epsilon \epsilon{ }^{\prime} X{ }^{\circ} \mu(\alpha)$.

On the verso
$Z \omega i ̀ \lambda \omega t \pi(\alpha \rho \alpha ̀)$ díov $\phi i ́ \lambda(o v)$.

 ${ }^{2} 3 . \lambda$ of $\zeta \omega i \lambda(\omega)$ corr. from s.
'Dius to Zoillus, greeting. You arranged with me to come before the 25 th of the month of Tubi, and you have not come. When you went away, you rendered to me an account consisting of a list of what you had spent yourself. You write that you spent 33 jars upon the gardeners and two calves which you sacrificed, and you have spent upon them things of which absolutely no one has received the value, since you had it. Other claims are being made against you in the vineyard, of which you will have to render an account at the reckoning-office. Know that, unless you pay all quickly and discharge the claims made against you, I shall seize your surety, until you pay me the value of the claims. I pray for your health. (Addressed) To Zoîlus from his friend Dius. Deliver to Zoịlus from Dius.'
2. $\mu o t: \mu \dot{\eta}$ can equally well be read, but does not suit the context.
5. àvaypaф̂̀s: for the use of this term in connexion with taxation-lists cf. P. Aml. 77.

23. The second address is possibly in a different hand.

## 1484-1487. Invitations to Feasts.

Second-fourth century. Plate I (1487).
These four invitations with 1579-80 are of the type which has been made familiar by Oxyrhynchus papyri ( $110-11,523-4,747,926-7,1214$; cf. P. Fay. I 32), but present some new details of interest. 1484 (second or early third century) is another invitation to dine 'at the table of the lord Sarapis' ( $1.3, \mathrm{n}$.$) , a meal which$ was here held in the temple of Thoëris (cf. 1453) not, as in 110, at the Serapeum, nor, as in 523, at a private house, and was apparently connected with a festival in honour of ephebi. In 1485 (second or carly third century) and 1486 (third or early fourth century) the invitation was for the same day, not, as usually, for the day following. In 1485 the entertainer was an exegetes, and the meeting-place the temple of Demeter (cf. 1449.5). 1486 and 1487 (fourth century) fix the 8th hour for the feast, like 747 and 1580, while 1485 fixes the 7 th, like 1214 : the 9 th hour
(generally about 3 p.m.) was more usual, but whether the difference was real or due to the change of the time of sunrise (which varies about two hours in Egypt) is uncertain. The new words $\mu \in \lambda \lambda о к о$ и́pla (1484. 4, n.) and גúкаror (1486. 2 ; meaning obscure) occur. The writing is across the fibres except in 1485, It is noticeable that in the course of the third century к $\alpha \lambda \in i$ takes the place of the earlier $\grave{\epsilon} \rho \omega \tau \hat{a}$.

1485. i, 1486. r. l. $\sigma \epsilon$. 1487. 6. $\theta$ corr. from $\eta$ by a second hand.
1484. 'Apollonius requests you to dine at the table of the lord Sarapis on the occasion of the approaching coming of age of his brothers at the temple of Thoëris . . ?
1485. 'The exegetes requests you to dine at the temple of Demeter to-day, which is the 9 th, at the 7 th hour.'
1486. 'Xenicus also called Pelius invites you to his wedding . . . to-day, Pharmouthi 22, at the 8th hour.'
1487. 'Theon son of Origenes invites you to the wedding of his sister to-morrow, which is Tubi 9 , at the 8th hour.'
 meal, to which view Mr. Milne objects, comparing Aristides tis צípatı 27, where it is said that

 or of persons ceasing to be a dinderes (at the age of 25 ; cf. 491. 16), or possibly in honour $_{\text {a }}$ of an approaching marriage, if [iìe $\lambda \phi \bar{\omega} \nu$ ] refers to a brother and sister.
1488. Letter of Sarapamaon to his Sister.

$$
20.3 \times 5.5 \mathrm{~cm} . \quad \text { Second century }
$$

A letter from a man to his 'sister' (the expression may be conventional ; cf. 1296. $15, \mathrm{n}$.), giving various directions about some wine (11. 3-13) and a mortar (ll. 13-19; cf. l. I4, n.). A curious reason for the writer's postponement of his return is assigned in 11. 22-5.

```
    \Sigma \alpha\rho\alpha\pi\alphá\mu\mu\omega\nu \Theta\alpha-
    \eta}\sigma\epsilon\iota \tau\hat{\eta}\alpha\dot{\alpha}\delta\epsilon\lambda(\phi\hat{\eta}) \chi\alphaí\rho\epsilonl\nu
    \delta\iota\epsilon\pi\epsilon\mu\psi\alphá\mu\eta\nu \sigmao\iota
    oivov кє\rho\alphá\mu\iotao\nu \delta\iotaà
5 \Piа\tau\alpha т\iota\nuos vav\tau\iota-
    ко\hat{v}, ö\pi\epsilonє\rho \epsiloni \epsilon'ко\mui-
    \sigma\omega \delta\etá\lambda\omega\sigmaóv \muo\iota.
    \epsiloni \gamma\grave{\alpha}\rho ov̉к \eta}\nu\epsiloń\chiӨ
    \sigmaol, \gamma\epsilon\nuov \epsilonis \tauò \gamma\nu\alpha-
Io \phi\epsilonîo\nu `Нрак\lambda\epsiloníov каi
    \mu\alphá0\epsilon \epsiloni \pi\alpha\rho\epsilon\tau\epsiloń-
0\eta \alphavंтоîs к\alphai \delta\epsiloń\xi\alpha<\iota
\alphaư\tauó.
15 к\alpha\grave{\iota}}\mu\dot{\alpha}0\epsilon[\epsilon\epsilon' '̇\nu \alphȧ\sigma\phi\alpha
```



```
    \tau\alpha\iota \grave{\eta}\dot{\epsilon}\nu \tau\hat{L} \alphai0\rhoí\omega
    кє\imath\mu\epsiloń\nu\eta \mu\epsilon\gamma\alphá}\lambda
    0vï\alpha, ка\grave{ \pi\omegâs \epsilon'X€єs}
20 \gamma\rho\alphá\psiov \muol. '̈}\mu\epsilon\lambda
    \lambdaov \gamma\grave{\alpha}\rho \alphá\nu \nu\lambda\lambda0\epsiloniv, к\alphai
```



```
    \mu\alphá0\omega \pióт\epsilon\rhoо\nu є́\rho\hat{&}
    'I\sigma\hat{\alphas \etä ov', к\alphai \epsiloni \chip\epsiloní\alpha}
25 \epsilon'\sigma\tauì \tauov̂ \mu\epsilon \dot{\alpha}\nu\epsilon\lambda0\epsiloniv.
        \epsilon}\rho\rho\omega\hat{\sigma}0\alphaí \sigma\epsilon \epsilonU'\chiо\mu(\alpha\iota)
    Xoí(\alphaк) к\delta.
```

$\tau[\grave{o}]$ є’ $\rho \gamma \alpha \sigma \tau[\eta ́ \rho \iota o \nu$

On the verso


$$
\text { 19. Өvïa П. 22. } \bar{v} \pi \epsilon \rho \epsilon \theta \epsilon \mu \eta \nu \text { П. 2\&. ḯus П. }
$$

'Sarapammon to his sister Thaësis, greeting. I sent you a jar of wine by one Patas, a sailor. Let me know whether you received it; for if it was not brought to you, go to the fuller's shop at Heracleum (?) and find out whether it was delivered to them and get it. Go also to the workshop and find out whether the large mortar placed in the portico is safe and sound, and write to me how you are ; for I intended to come back, but put it off until I learn whether Isas is in love or not, and whether there is need for me to come back. I pray for your health. Choiak 24. (Addressed) To Iseum for Thaësis from Sarapammon.'
 int., Wilcken, Grundz. $2_{50}$ ), and 'Hpakגeiou is therefore probably a village, not a person, in spite of the fact that ( $\tau \dot{o}$ ) 'Hpuk入єioy was in the middle toparchy (1285. 100) ; cई. 1. 28, n.

 mentioned in connexion with the oil-manufacture (cf. Otto, Priester und Tempel, i. 295). Mortars may have been used also in the $\gamma \nu a \phi \iota \kappa \dot{\eta}$, as they were in the milling-industry ( $\lambda i \theta_{\text {os }} \sigma \iota \tau$ котькòs $\sigma \grave{v} v \theta v \in i!\eta$ occurs in an unpublished Byzantine contract from Oxyrhynchus), but the $\bar{\epsilon} \rho \gamma a \sigma \tau \eta \dot{\eta} \neq \nu$ here does not seem to be connected with the $\gamma \nu a \phi \epsilon \hat{\epsilon} \nu$.
28. тó 'lociov: several Oxyrhynchite villages called after Isis-shrines are known, being usually distinguished from each other; (1) 1539. if 'I. "A $\nu \omega$ : cf. 732. 2, where l. 'I $\sigma$ iou

 (4) were in the кáтш, (5) in the ave toparchy; of (2) and (6) the toparchy is unknown. Which village is meant here is uncertain ; cf. ll. $9-\mathrm{ro}$, n.
1489. Letter of Sattos to his Sister.
$9.4 \times 13.1 \mathrm{~cm}$. Late third century.
A letter in vulgar Greek from a man to his 'sister' (cf. 1488. int.), giving various directions about a cloak which he had left behind, \&c., and referring to his debts. The writing is across the fibres in a small cursive hand of the period from Gallienus to Diocletian.











On the verso




' Sattos to Euphrosyne. Salute Firmus and Tecusa and all our friends before the gods of Antinoöpolis. I have left my cloak behind with Tecusa at the gateway; send it me as you sent it me before. You worry me about the money which you owe to Agathodaemon : I have paid him in full. If you have made any cakes, send them to me, as I shall return in another month. I wish that I had paid every one like Agathodaemon. You were not my security; it is not your affair ; do not worry. If necessary, I shall return in another month.

Deliver my cloak to Kerarea, the hairdresser. Salute Stratus and Stratonice and their children. I pray for your health. (Addressed) To my sister Euphrosyne from Sattos son of Harpocrates.'

8. Kєрарє́a: or Kєрирє́!! : cf. Kapoùpıs in P. Leipzig 97. vii. 20.
if. Cf. l. i, n.
1490. Letter of Heraclides to an Official.
$9.7 \times 1.4 .9 \mathrm{~cm} . \quad$ Late third century.

On the recto of this papyrus are the ends of thirteen lines, and beginnings of fourteen more in a second column, of an account of various payments in drachmae
 third century. On the verso is a letter written nearer the end of the century to Sarapion, probably an official of some kind (cf. 1. 1, n.), by Heraclides, asking him to help a $\gamma^{\nu} \omega \sigma \pi \eta_{\rho}(1.2$, n.) who was in difficulties. The ink is much obliterated in places.

$$
\begin{aligned}
& \dot{\epsilon} \rho \rho \hat{\omega} \sigma \theta \alpha i ́ \quad \sigma \epsilon \text { ó } \lambda о \kappa \lambda \eta[\rho] 0 \hat{v} \nu \tau \alpha
\end{aligned}
$$

'Iferaclides to the most notable Sarapion, greeting. Demetrius, the certifier, asked me to speak to you, so that he may be freed from anxiety about the previous years. He says "I helped him greatly in the matter of the annona." He say's that the annona is now being claimed. If then you can again get him off by yourself (?), good luck to you ; but if not, give instructions as to what preparations you wish to be made. Do not neglect this, for they have not yet gone away. If you are strong enough to get him off, it will be a great achievement, since I have no cattle or pigs. I pray for your complete health.'
 appellationibus honorificis, 44, and 1408. int.
2. $\gamma \nu \omega \sigma \tau \dot{\eta} \rho$ : in the third and fourth centuries $\gamma \nu \omega \sigma \tau \bar{\eta} \rho \epsilon s$ are generally found presenting persons for liturgies; cf. P. Hamb. 31. 20, 1451. 27-8, nn.
4. öтィ $\omega \phi \epsilon \lambda \eta \sigma a$ aùtóv: Demetrius' actual words are quotod, à̀тóv being Sarapion.
5. vîv §ఇтєítaı was suggested by Mr. E. Lobel. . . $\nu$ סúvarat is possible; but it is difficult to find any suitable infinitive, even if $\dot{a} \nu \nu\langle\dot{\omega} \nu\rangle a \nu$ or $\dot{a} \nu \nu \dot{\omega} \nu\langle a \nu\rangle$ be read in place of $a \nu \nu \omega \nu$.


 $\dot{a} \pi \dot{\eta} \lambda \theta a \mu \in \nu$, the sense is different, and in P. Strassb. 73. 17-18 the context of $\dot{\epsilon}^{\prime} \kappa \pi \lambda \bar{\epsilon} \dot{\xi} a s$ is unintelligible.
9. $̈ \lambda \lambda \omega$ is unsatisfactory, and, as Lobel remarked, seems to have a line drawn through it. ä ${ }^{\prime} \lambda \lambda o \nu$ or ${ }^{a} \lambda \lambda \omega s$ cannot be read.

## 1491. Letter of Alypius to ifis Brother.

$$
26.4 \times 10.5 \mathrm{~cm} . \quad \text { Early fourth century }
$$

The recto of this papyrus contains part of a series of receipts for official payments written in A.D. 292-304, to be published in Part xiii. On the verso in a large cursive hand of the early part of the fourth century is a letter, with an autograph signature, from a man to his 'brother' (cf. 1488. int.), hoping for his support and asking for information concerning a purchase of barley. An earlier



'Alypius to his brother Sarapammon, greeting. I am confident in the first place about my household that if there is any trouble you are supporting me, and I beg you to find out at what price the foster-son of Dionysius, the sealer of Taampemou, is contracting to get
barley for me，in order that I may provide for the money．I pray for your health，brother． （Signed）I pray for your health，brother．＇
 granaries ；cf．P．Tebt． 340.14 （Mendesian nomè）．Таицл $\dot{\epsilon} \mu$ оv is the more usual spelling ； cf．1421．3，n．

## 1492．CIIRISTIAN LE＇TTER．

$22.6 \times 10.3 \mathrm{~cm}$ ．Late third or early fourth century．
This letter，1493－4，and $\mathbf{1 5 9 2}$ have a special interest as being among the earliest Christian documents from Egypt and approximately contemporary with the well－ known letter of Psenosiris（P．Grenf．ii．73）；cf．also $1161-2$ and 1495，which are somewhat later．1492，from Sotas to his son，begins with a somewhat unusual formula（cf．l．I，n．），and after pious reflections（1l．4－8）proceeds to give directions about the＇separation＇of some land which the son intended to present to a rómos in accordance with ancient custom（11．8－15）．Possibly this refers to a gift for religious purposes．The script is a good－sized cursive．P．S．I．208，a fourth－ century letter on vellum from Sot［as］to his＇brother＇Peter，which recalls the phraseology of 1492 （cf．the nn．），was possibly written by the same person．

$$
\rho \alpha \nu \tau \hat{\varrho} \tau o ́ \pi \varphi, \pi o i ́ \eta \sigma o \nu
$$

$$
\alpha u ่ \tau \grave{\eta} \nu \dot{\alpha} \phi \omega \rho \iota \sigma \theta \bar{\eta} \nu \alpha \iota
$$

$$
i \nu \alpha \text { X } \rho \eta, \sigma \omega \nu \tau \alpha \iota, \kappa[\alpha] i \stackrel{\omega}{\omega}
$$

$$
\left.{ }^{15} \theta \dot{\alpha} \rho \rho \in \iota . \quad \pi \alpha ́ \nu \tau \alpha s \tau_{[0]}\right] \grave{̀}[s
$$

$\pi \rho о \sigma \alpha \gamma^{\prime} \rho є 匕 є . \quad$ є́ $\rho \rho \hat{\omega-}$
$\sigma \theta \alpha \iota ~ \dot{v} \mu \hat{\alpha} s$ єử $\quad \mu \alpha \iota$
$\tau \widehat{\iota}$
20 каi $\epsilon ้ \nu \pi \alpha \nu \tau i ́$.
On the verso


18．ü $\mu$ а II． 2 I．їєр $\Pi$ ．
＇Greeting，my holy son Demetrianus！I，Sotas，salute you．Our common ．．．is plain， and our common salvation（is secure ？）；for these are the objects of Divine providence．If then you have decided in accordance with ancient custom to give the arura to the place，see that it is separated，so that they may use it ；and however you may decide about the work be

$$
\begin{aligned}
& X \alpha[\imath \imath] \rho \in, i \in \rho[\hat{\epsilon} v i \dot{\epsilon} \\
& \Delta \eta \mu \eta \tau \rho i[\alpha \nu \in ́ . \quad \Sigma \omega ́ \tau \alpha s \\
& \sigma \epsilon \pi \rho[о \sigma \alpha \gamma o \rho \epsilon \dot{v} \omega \text {. } \\
& \text { тò кoılò̀ . . [. . . . . . }
\end{aligned}
$$

$$
\begin{aligned}
& \sigma \omega \tau \dot{\eta} \rho ı o \nu \dot{\eta} \mu \hat{\omega} \nu \text { [..., } \\
& \tau \alpha \hat{\tau} \tau \alpha \gamma^{\alpha} \rho \text { '̇ } \sigma \tau \iota \nu \tau \dot{\alpha} \in \in[\nu \tau \hat{\eta} \\
& \text { Өєía троvoía. } \epsilon i \text { oủv }{ }_{\epsilon}^{\prime \prime} \text { - } \\
& \text { крє८vas кат⿳亠 } \tau \text { ò } \pi \alpha \lambda[\alpha \iota o ̀ \nu
\end{aligned}
$$

of good cheer. Salute all who are in your house. I pray to God for your continual good health in cvery respect. (Addressed) To my holy son Demetrianus from Sotas.'

1. Xa[i] $\boldsymbol{l}_{\epsilon}$ : for this style of beginning a letter cf. P.S. I. 206, 208, and Ziemann, De Epistularum Graec. formulis, 295-7.
i $\epsilon$ [ $[$ : cf. l. 21 and 1592. 7.
2. $\pi \rho[$ oorayopev́ : this word (cf. l. 17), though rather long for the available space, is employed at this point in 526. 2, P. S. I. 206. 2, 208. 3, Flor. 140. 2.
3. The word lost is probably an adjective balancing єひ̋ß̊ $\eta \lambda o v$.

 Libyan nome was called $\dot{\eta}$ à $\phi \omega \rho \iota \sigma \mu$ év in the third century b. c. (P. Rev. Laws lxi. 3).


## 1493. Chiristian Letter.

$$
10.9 \times 9.6 \mathrm{~cm} . \quad \text { Late third or early fourth century. }
$$

The first part of another interesting early Christian letter (cf. 1492. int.), from a man to a friend or relative with reference to the addressce's son, who had been entrusted to the writer's charge. кúpıos is contracted, but not $\theta$ єós ; cf. P. Grenf. ii. 73 and 1495, where both are contracted, and 1592, where кúpıos and $\pi a \tau \eta$, $\rho$ are contracted.


``` \(\pi \lambda \epsilon i ́ \sigma \tau \alpha \quad \chi^{\alpha i ́ \rho \epsilon \iota \nu .}\)
                            \pi\rhoò \mu\grave{\epsilon}\nu \pi\alphá\nu\tau\tau\omega\nu \epsilon\ddot{~}\chio\mu\alphaí \sigma\epsilon ò\lambdao-
```



```
5 0\epsilon\hat{Q}. \gamma\iota\nu\omegá\sigma\kappa\epsilon\iota\nu \sigma\epsilon Ө'\epsilon\lambda}\omega,\dot{\alpha}\delta\epsilon\lambda\phi'\epsiloń
    ö\tau\iota ка\tau\alphaे \tau\grave{\etaे\nu \iota \tauov̂ oै\nu\tauos \mu\eta-}
    \nuòs \Theta\grave{\omega}0 \epsilońко\mu\iota\sigma\alphá\mu\eta\nu \sigmaov \tauò\nu
    viò\nu \epsilonủp\omega\sigma\tauоv̂\nu\tau\alpha к\alphai ò\lambdaок\lambda\eta-
    \rhoои̂\nu\tauа \deltalà \pi\alpha\nu\tauós. \tauoútov ov̂\nu
10 \tau\età\nu \epsiloṅ\pi\iota\mu\epsiloń\lambda\epsilon\iota\alpha\nu \pio\iota\eta
```



```
    \alpha\nu\alpha\gammaк\alphá}\epsilon\iota\nu \alphaú\tauòv \pi\alpha\rho\alpha\pi\rhoо\sigma\epsiloń-
```



```
    [. . .]\rho€ . [ I 3 letters ]o\lambdao[.
```

On the verso vestiges of an address.
4. vievetv II ; l. iquaveu. $\pi$ of $\pi$ apa over $\kappa \ldots$ (кai??), which has been expunged. $\bar{\kappa} \omega$ II. 7. то̄ П. 8. vïò П.
＇Thonis to his dearest Heracleüs，many greetings．First of all I pray for your prosperity and health before the Lord God．I would bave you know，brother，that on the roth of the present month of Thoth I received your son safe and sound in every respect． I shall take care of him as if he were my own son．I shall not neglect to make him attend to his work，．．＇

11－ı3．Cf．1581．5－7．

## 1494．CilRistian Letter．

$14.4 \times 9.7 \mathrm{~cm}$ ．
Early fourth century．
Another early Christian family－letter，badly spelled，which has lost the beginning．The handwriting suggests a date not much later than A．D． 300 ，while the high price of olives（ 3 talents for a кvíôov in 1.17 ）indicates a reign not earlicr than Diocletian＇s．The verso contains，besides the address，two lines written at
 no connexion with the letter．This dating presents a difficulty；for the reign of l＇robus seems too early，and there is no suitable reign in the fourth century，during most of which datings by more than one regnal year were employed，where regnal years were used at all．Possibly one of the various Oxyrhynchite eras beginning in A．D． $307,3^{2} 4$ ，\＆c．，was meant ；cf．1431．5，n．

ס ．．．［ 20 letters


$\tau \alpha^{\prime} \chi \alpha$ тєı $\left.\pi \rho \alpha \tau \alpha i ́ o \nu ~ \gamma \epsilon!\nu \eta \tau \alpha \iota . ~ \mu \alpha ́[\lambda]\right]-$


Є̇สакои́бך ò $\theta$ aiòs т $\hat{\omega} \nu$ єúХ $\bar{\omega} \nu$
$\dot{v} \mu \hat{\omega} \nu$ каì $\gamma^{\prime} \epsilon \nu \eta \tau \alpha \iota ~ \grave{\eta} \mu \epsilon i ̄ \nu$ ó óòs $\epsilon \dot{v} \theta \epsilon i ̂ \alpha$ ．$\dot{\alpha} \sigma \pi \alpha ́ \oint о \mu\langle\alpha \iota\rangle$ тоѝs $\gamma \lambda v \kappa v$－ 10 тátous $\mu$ ou á $\delta \in \lambda \phi$ oús，$\Delta$ เovvoo－

＇AХєו入入í $\delta \alpha \nu$ ．$\dot{\alpha} \sigma \pi \alpha ́ \oint о \mu \alpha \iota ~ \tau \grave{\eta} \nu$

${ }^{\prime} P \omega \mu \alpha \nu \alpha ̀ \nu$ каì тоѝs $\dot{\eta} \mu \hat{\omega} \nu$
 $\lambda \eta s$ ，á $\gamma о р \alpha ́ \sigma \omega$ є́ $\lambda \epsilon \in \alpha s ~ к \nu i ́ \delta ı \alpha ~$ $\pi \alpha \lambda \epsilon \alpha ́, ~ \omega ̀ s ~ \tau o \hat{v} \kappa \nu ı \delta i o v ~(\tau \alpha \lambda \alpha ́ \nu \tau \omega \nu)$ \％．$\epsilon i \lambda \dot{\eta} \mu$－
［母оцає？．．］$\mu \alpha \iota \nu$ үра́ $\psi o \nu$ رоь．
$\dot{\epsilon} \rho \rho \hat{\omega} \sigma \theta \alpha \iota \quad \dot{v} \mu \hat{\alpha} s$
［ $\epsilon \dot{u} \chi \neq \mu \alpha \iota$ ．］

On the verso

$$
\begin{array}{cc}
{[\pi(\alpha \rho \grave{\alpha})] \text { Bón} \theta o v ~} & ' A \chi \in \iota \lambda \lambda \in i ́ \omega \nu o s \\
] & \Theta \grave{\omega} \theta \kappa \eta .
\end{array}
$$


 17．l．$\pi$ aдaú．$v$ of tou inserted above the line．19．ひ̈pas II．
'... I had to come down to Panga in order that, if God so wills, there may perhaps be something to sell. It will be most necessary for you too to pray on my behalf, in order that God may thus hear your prayers, and a straight way be made for us. I salute my sweetest brethren, Dionysodora and her slave Achillis. I salute my sister Macaria and Romana and all our friends by name, and, if you like, I will buy some old jars of olives at 3 talents the jar. If I am to receive . . ., write to me. I pray for your health. (Addressed) 'To . . . from Boëthus son of Achillion. Thoth 28.'
 Haıтаибьєí [ı.

## 1495. Chiristian Letter.

$$
26 \times 11.5 \mathrm{~cm} . \quad \text { Fourth century. }
$$

A letter from Nilus to his 'brother', asking him to pay a debt on his behalf. The biblical contractions of ки́pıos and $\theta$ єós occur; cf. 1492. int. The handwriting suggests about the middle of the fourth century.
$K v \rho i ́ \omega \quad \dot{\alpha} \delta \epsilon \lambda \phi \hat{\iota}$ ' $A \pi o \lambda \lambda \omega \nu i ́ \omega$
$N \epsilon i ̂ \lambda o s \chi^{\alpha i ́ p \epsilon \iota \nu .}$
$\pi \rho o ̀ ~ \mu \epsilon ̀ \nu ~ \pi \alpha ́ \nu \tau \omega \nu ~ \epsilon v ้ \chi o \mu \alpha i ́ ~ \sigma o \iota ~$
$\tau \grave{\eta} \nu$ ó $\lambda о к \lambda \eta \rho i ́ \alpha \nu \quad \pi \alpha \rho \grave{\alpha} \tau \hat{\varphi} \kappa(v \rho \iota) \widehat{\omega}$
$5 \theta(\epsilon) \hat{\omega}$. $\pi \hat{\alpha} \nu \pi o i ́ \eta \sigma o \nu, \alpha \dot{\alpha} \delta \epsilon \lambda \phi \in$,

$\pi \lambda \alpha к о \nu \nu \tau \hat{\epsilon} \hat{\alpha}$ єis $\lambda o ́ \gamma o v$ ноv
@́s $\tau \in \sigma \sigma \alpha \rho \alpha ́ к о \nu \tau \alpha$ та́ $\lambda \alpha \tau \alpha$,
каi $\delta \eta ́ \lambda \omega \sigma o ́ \nu ~ \mu o \iota ~ \delta \hat{\omega}$ Tàs $\iota \sigma \alpha s$

 $\dot{\epsilon} \pi \iota \delta \eta े$ oủk $\dot{\epsilon} \delta v \nu \eta \dot{\eta} \theta \eta \quad \mu \epsilon \tau^{\prime}$ av́$\tau 0 \hat{v} \quad 㐅{ }^{\alpha} \xi \epsilon \iota \nu . \quad \alpha \lambda \lambda \grave{\alpha} \mu \grave{\eta} \dot{\alpha} \mu \epsilon \lambda \eta^{\prime}-$ $\sigma \eta s, \dot{\alpha} \delta \epsilon \lambda \phi \in \epsilon, \dot{\omega} \leqslant \in i \delta \dot{\omega} s$
 $\dot{\epsilon} \rho \rho \hat{\omega} \sigma \theta \alpha i ́ \quad \sigma \epsilon$ $\epsilon$ ט̋Хоцає $\pi о \lambda \lambda о i ̂ s$ Xрóvols, кúplé $\mu$ ои.

On the verso


$$
4^{-} 5 . \overline{\kappa \omega} \overline{\theta_{\omega}} \Pi .
$$

'To my lord brother Apollonius Nilus, greeting. First of all I pray for your prosperity before the Lord God. By every means, brother, give my brother Zakaon the confectioner about forty talents on my account, and let me know if I am to pay the equivalent amount where you are, and you shall have it, since . . ., as he could not bring it with him. Pray do not neglect this, brother, for you know my debt (?) in that quarter. I pray for your continued health, my lord. (Addressed) To my lord brother Apollonius from Nilus.'

 5). In P. Klein. Form. 694 and 967 the form is uncertain owing to abbreviation. With the reading $\pi \lambda a к o \hat{v} \nu \tau a$ there is no construction for és $\tau \in \sigma \sigma a \rho a ́ к о \nu \tau a ~ \tau a ́ \lambda a \nu \tau a . ~$
II. Another person, to whom aưoû and ésuvín $\theta_{\eta}$ in l. i 2 would refer, was perhaps mentioned in this line; but l. 12 may refer to Zakaon. ' $\bar{\pi} \boldsymbol{i}$ presumably $=\dot{\epsilon} \pi \epsilon i$, in spite of $\dot{\epsilon} \pi\llcorner\delta \dot{\eta}$ in l. 12, and aùtô = аи́тoṽ.


## X. MINOR DOCUMENTS.

(1) The Senate of Oxyrhynchus.
1496. $22.3 \times 18 \mathrm{~cm}$. On the verso of 1414. Parts of two columns of a list of money payments made in several months of the 5 th year (of either Aurelian or Probus; i.e. A. D. $273-4$ or $279-80$; cf. 1413. int.) by various persons, including a prytanis and probably two individuals (Xenicus and Euporus also called Agathodaemon) who are known from 1413.22 and 29 (cf. the nn.), so that all the payments are likely to have been by municipal officials or senators, for e.g. oil ; cf. 1413. 19-24. Of Col. i only the ends of 19 lines survive, the payments being uniformly I talent, except for one instance of












 The entries in Col. ii have dots in the preceding margin, indicating a revision; cf. 1436. int.
1497. II $\times \mathrm{I} 2.7 \mathrm{~cm}$. About A. D. 279. The upper portion of an official report of sums paid to Epimachus son of Philosophus, ex-gymnasiarch (cf. $1413.20, n$.), as the price of (I) 12 talents of pitch at 3,400 drachmae each, and (2) pottery jars, apparently purchased through him for the municipal Treasury, to which he was accountable. For official accounts mentioning pitch cf. 1286 and P.S.I. 83 , which also belong to the second half of the







 غ̀ $\nu \chi$ र́́plov. . .
1498. $27.2 \times 12.4 \mathrm{~cm}$. Written on the recto of 1416 in a large cursive hand about the reign of Probus ( $276-82$ ), in any case before 299 ; cf. 1416. int. A list of persons of various official ranks, in some cases with a statement that they were under or over age. About 8 -io letters appear to be lost at the be-







 каi N[. . . . (end of the column).
1499. $8.2 \times 13.5 \mathrm{~cm}$. A.D. 309 . Order, similar to 1500 (cf. also 1419. int.), from a prytanis to a banker to pay three attendants of the public bath (cf. 1430. 13) their monthly wage, amounting in all to 1 talent. ${ }^{1} \Pi(a \rho a ̀) ~ \tau o v ̂ ~ \pi \rho v \tau a ́ v \epsilon \omega s$


 of Galerius Augustus) кai $\epsilon$ (ětous) (sc. of Maximinus Augustus, the Caesars Constantine and Licinius being ignored ; cf. 1542. 12 and 1410. int.) Пav̂vıa.
1500. $8.2 \times 8.3 \mathrm{~cm}$. A. D. 229. Order to a banker, similar to 1499 and probably from a prytanis, to pay a bath-attendant a month's salary. The handwriting is third century, and the 9th year is probably that of Severus Alexander, Macrianus and Quietus being still in occupation of Egypt in Thoth of the 9th year of Gallienus ; cf. P. Strassb. 6. 37-8 and 1476. int.


1501. $9.5 \times 1 \mathrm{I} \cdot 1 \mathrm{~cm}$. Late third century. Begiming of an acknowledgement by a treasurer of the senate (cf. P. Ryl. 86. 2, n.) for the return of a loan made by him to another senator, probably from the city-funds ; cf. C. P. Herm. 23. i. 7






## （2）Official Dociments．

1502． $8.2 \times 1 \mathrm{I} .8 \mathrm{~cm}$ ．About A．D． $260-\mathrm{I}$ ．The upper parts of tiwo columns， Col．i belonging to a report of a trial for assault，and mentioning a new deputy－epistrategus of the IIeptanomia，Metrodorus（1．4）．A report of a public physician（1．I ；cf．e．g．51－2）and a petition to the strategus Aurelius Ptolemaeus also called Nemesianus，who is known from 1411 and 1555 to have held office in 260 ，were tendered as evidence．Line 8 ，if correctly restored，indicates a loss of 38 letters at the beginnings of lines．${ }^{1}$－- moros







 $\tau \epsilon \lambda \in v \tau\left[\eta े v\right.$ ．．Col．ii（ 2 nd h．）has only the beginnings of 9 lines（ ${ }^{12} \tau o \hat{v}$ Mé ${ }^{\prime} \alpha v_{i}$ os ？），and may refcr to something different．On the verso（ 3 rd h ．； after A．D．260）is a complete extract from a lease of land at Iseum Panga（cf．1488．28，n．），which had been injured by floods and was to be cultivated with grass．This land belonged to a $\delta \in \kappa \alpha \pi \rho \omega \tau i a$ ，like that in P．S．I．187，where too $i \pi \pi o \sigma \tau \epsilon \lambda \lambda$ óv $\tau \omega \nu \tau \hat{\eta} \delta \in \kappa \alpha \pi \rho$ ．（cf．11．3－4）
 here．t̀̀ ínoofé $\lambda$ गorva refers，we think，not to public land within the administrative competence of $\delta \in \kappa \alpha \dot{\alpha} \pi \rho \omega \tau o \iota$ ，but to land owned by them jointly in consideration of the arduous character of their duties（cf． 1410.




1503．Height 26 cm ．A．I）． $288-9$ ．Three fragments，the largest containing the beginnings of the lines，of a report of a trial before the praefect Valerius Pompeianus（cf．1416．29，n．）apparently concerning the status（11．子， 7 To入ı兀єía， ${ }_{7}-8 \dot{e} \pi \iota^{i} \tau \not \tau \dot{i} \dot{a}$ or $\left.\left.\grave{a}\right] \tau \mu \dot{a} a\right)$ of Demetrianus and Phileas，a prytanis and the
pracfect being the chief speakers. The position of Fr. 2 (near the ends of 11. 9-20) is fixed by the suitable combinations in 11 . $11-12,13-14$, and $16-17$; but the position of the small Fr. 3, which is assigned to the middles of 11 . $15-19$, is uncertain. It may belong to $11.9-13$, but hardly to $11.12-16$. The lines



















1504. $13.6 \times 8.2 \mathrm{~cm}$. Late third century. On the verso of 1515 , in a large cursive hand. Beginnings of lines from the bottom of a column of a report







1505. $11.8 \times 20.7 \mathrm{~cm}$. Fourth century, written across the fibres. Order from Dioscorus, a strategus or praepositus or police-officer, to the irenarch of Taampemou (cf. 1421. 3, n.) to send three persons with money which they owed. Similar orders are 64-5, 1193, 1506-7, Preisigke, S. B. 4422, \&c. On the various classes of police-officials in the third and fourth centuries


 (2nd h.) $\sigma \in \sigma(\eta \mu \epsilon i \omega \mu a \iota)$.
1506. $6 \cdot \mathrm{I} \times \mathrm{I} 8 \mathrm{~cm}$. Early fourth century, written across the fibres. An order, similar to 1505 and 1507, from a praepositus to the irenarch (cf. 1505. 2) of Senokomis (in the western toparchy) to send a certain individual.


 ( $\mu \epsilon i \omega \mu a \iota) \rrbracket$ (2nd h.) $\sigma \epsilon \sigma \eta \mu(\epsilon i \omega \mu \alpha \iota)$.
1507. $7.9 \times 9.8 \mathrm{~cm}$. Third century, written across the fibres. An order, similar to 1505-6, from irenarchs (sc. of the whole nome; cf. 80. 7, 118. 14) to the comarchs and $\bar{\epsilon} \pi \iota \sigma \tau a ́ \tau \eta s \in \operatorname{cipqiv\eta s~(cf.~64.~2)~of~Teruthis~(probably~}$ the Oxyrhynchite village in the eastern toparchy known from 1285. 87, not the Cynopolite village, for which cf. P. Hamb. 17. ii. II and 1254. I8, where 1. T $\left.\mathrm{T} \mathrm{p}^{\prime} \theta \epsilon \omega \mathrm{s}\right)$ to send certain ex-overseers and come themselves. ${ }^{1} \Pi(a \rho a ̀) \tau \hat{\omega} v$
 тoùs $\gamma \epsilon \nu 0 \mu \epsilon^{\prime}-{ }^{5} \nu \nu[v s]$ t? $\sigma \epsilon \sigma \eta \mu(\epsilon \in \omega \mu a \iota)$. Below the last word are traces of ink, which seem to be due to the folding of the papyrus when wet.
1508. $8.3 \times 10.6 \mathrm{~cm}$. Second century. The bottom of a column containing extracts from $\pi \rho \circ \sigma \phi \omega \nu \dot{\eta} \sigma \epsilon \epsilon s$ concerning a veteran, M. Julius Valerianus. Lines $5-8$ begin somewhat to the right of $11.1-4$, which have lost a few letters at the beginnings. Lines $2-4$ are concerned with the veteran's dismissal from the fleet, which was effected by trierarchs (cf. p. 151); 11. 5-8 refer to his purchase from the State of unproductive land at Senepta (in the middle toparchy; cf. 1285. 120) as a colonia, on which see Wilcken, Archiv, v. 434, Grundz. 403, P. Giessen 60. int., p. 29. ${ }^{2}[\delta \eta \lambda \hat{\omega}]$ єival Mápкov ['Ioútıo]v



 Mévovos $\kappa \lambda$ ¿ $\tilde{j} \rho o v$. The papyrus is valuable as throwing light on the method by which veterans in coloniae obtained their land ; cf. P. Giessen 60. iii. 6, where кò $\omega \nu^{\prime}$ ias as a heading follows $\epsilon^{\epsilon} \omega \nu \eta(\mu \dot{\epsilon} \nu \eta s)$ and is a subdivision of $\kappa \lambda \eta \rho o v x \iota \kappa \grave{\eta} \gamma \hat{\eta}$. On the verso is $\mathbf{1 5 3 6}$.
1509. $7.6 \times 9 \mathrm{~cm}$. Early fourth century. A short letter from a ovarátns (cf. 1116, 1551, P. S. I. 164, Wilcken, Grundz. 353), informing Aphunchius that by order of the catholicus (cf. 1410. 2-4, n.) he had been appointed i$\pi \eta \eta \rho^{\prime} \neq \eta s$ of Dioscurides, who is possibly identical with the logistes of

 ${ }^{7}$ o a (v̇гòs) $\sigma \epsilon \sigma \eta(\mu \in i ́ \omega \mu a \iota)$. Cf. P. M. Meyer, Griech. Texte, 3.
1510. $8.2 \times 7.2 \mathrm{~cm}$. Second or early third century. An incomplete acknowledgement to the sitologus of an unknown village by his scribe (cf. Wilcken, Ost. i. 660) for the receipt of his salary and expenses for forwarding his books, probably to the $\epsilon^{\kappa} \kappa \lambda o \gamma \iota \sigma \tau \eta$ 's of the nome at Alexandria (cf. P. Amh. $69=$ W. Chrest. 190). Cf. P. Grenf. ii. 63, an acknowledgement of the


 $\kappa а \tau а \chi \omega \rho \iota \sigma \mu о \hat{v}{ }^{8} \tau \hat{\omega} \nu \beta \iota \beta \lambda i \omega \nu \quad \pi \hat{a} \sigma \alpha \nu$ ท̂s ${ }^{9}[\gamma] \rho a \mu \mu a \tau \epsilon \dot{v} \omega \quad \sigma o v \quad \sigma \iota \tau\left[0-{ }^{10}[\lambda] 0 \gamma i ́ a s \quad \tau \hat{\eta} s\right.$

1511. Fr. I $30.6 \times 13.3 \mathrm{~cm}$. Before A. D. 247,1418 being on the verso. Two fragments of a Latin military account, written in two large cursive hands with additions in a smaller 3 rd hand (printed in thick type), mentioning praefects of the (Ist ?) Apamenian cohort (cf. e.g. B. G. U. 729. 7), a legion, and an ala, besides tabularii. The column is complete at the top and bottom, but both beginnings and ends of lines are lost. ${ }^{1}$ - pr]aef(ecto) coh(ortis) Apame[norum ${ }^{2} \cdot\left[-^{3} \cdot\left[-{ }^{4}-\right]\right.$. lano tabu[lario ${ }^{5}$ (2nd h.) —]. of (cf. for the accentuation P. Tebt. 686) Marinó praef(ecto) legio[nis - ${ }^{6}$ data emeritọ liii ẹ .. [- ${ }^{7}$ Maxumó ${ }^{8}$ xvi . . . [- ${ }^{9}$ aptụs. . . . . [- ${ }^{10}$ - ]irrió Proximo tabular[io${ }^{11}$-] fẹrino p[rae]f(ecto) alae [-12 -] . . bacus [—. Fr. 2 has traces of 2 lines in the 3 rd hand.
1512. $15.1 \times 10 \mathrm{~cm}$. Fourth century; written on the verso, the recto being blank. A list of $\delta \in \kappa a v i a l$, which are numbered from 1 to 10 , at Tholthis (three villages of this name are known; cf. 1285. int.), I being assigned to one individual, 4 to another, and 5 to a third. $\delta \epsilon к а \nu о$ occur in various positions, generally in connexion with guards or boats; but a $\delta \epsilon \kappa a v i ́ a ~ \pi v \rho o \hat{v}$ is found in B. G. U. 894. II, and the meaning of the numbered $\delta \in \kappa a \nu i a \iota ~ i s ~ o b s c u r e ; ~$ cf. P. Ryl. 196. 6-9, n. Another example of them probably occurs in Milne, Theban Ost. 138. 1, where $\Delta \epsilon \kappa$ (avías) $\lambda a \ddot{\epsilon} \omega s \lambda \epsilon$ may well be restored on


1513. $25.6 \times 5.8 \mathrm{~cm}$. Fourth century. Account of beer supplied to Dalmatian soldiers (apparently not mentioned elsewhere in Egypt), and of meat (?) for their officers. The measuring of beer by $\lambda$ ípal is remarkable ; but cf. the
 which was $\frac{1}{2}$ a sextarius. $\pi$ обокє́ $\phi \alpha \lambda o v(1.13)$ is a new word, apparently


 §vт. $\lambda . v \gamma,{ }^{10} \delta$, ऽvт. $\lambda . v,{ }^{11} \in \zeta v \tau . \lambda . \nu,{ }^{12}$ (added later) $\varsigma^{\prime}$, ऽvт. $\lambda . \mu \theta .{ }^{13}$ (after

1514. $7 \times 1 \mathrm{I} .3 \mathrm{~cm}$. A.D. 274 or 280 . Order to a $\pi \rho a \gamma \mu a(\tau \epsilon v \tau \eta$ ) (cf. 1544. I, 1569.7) or $\pi \rho a \gamma \mu a(\tau \iota \kappa o ́ s)$ (cf. 899. I7, n., P. S. I. 249. int. ; either word would mean a subordinate official of some kind) to pay 2 artabae of barley to the driver of riding-asses ( $\beta a \delta \iota \iota \tau \eta \lambda$ át $\eta \mathrm{s}$; cf. P. Tebt. 262, Ryl. 236. 8, n.) of the brother of the oviolaкós (sc. є̇пírpomos). The 5th year probably refers to


 (є้тovs) $\epsilon$ Пav̂vı $\_$. On the verso ${ }^{6} \pi \rho a \gamma \mu a(\tau \in \nu \tau \hat{\eta})$.

## (3) Taxation.

1515. $13.6 \times 8.2 \mathrm{~cm}$. Late third century. Parts of two columns of a list of payments for an unnamed tax by various persons of both sexes, the prytanis paying on behalf of Oxyrhynchus (cf. 1413. int. and 1414. 2, n.). Of Col. i only the ends of 23 lines survive, the amounts ranging from 8 to 70 drachmae, whereas in Col. ii they range from Io dr. 2 obols to $23[]$.dr . Col. ii : ${ }^{1}{ }_{\eta}$ 'O $\xi v \rho v \gamma-$







 of 3 more lines. For T $\epsilon i \rho \omega \nu$ ó каi 'A $A \pi \lambda \lambda \omega$ (vios) (1.4) cf. 1416. I (about 299). There are also traces of an earlier document, apparently an account. On the verso is $\mathbf{1 5 0 4}$.
1516. $7 \cdot \mathrm{I} \times 7.3 \mathrm{~cm}$. Late second or early third century. Fragment from the middle of a column of a taxing-list, recording payments by inhabitants of Oxyrhynchus, who are classified according to $\mu \epsilon \rho \iota \sigma \mu \circ i$ of their ${ }^{\mu} \mu \phi о \delta \alpha$, for, probably, poll-tax (cf. 1436. 8, n., and 1520) and pig-tax (cf. 1436. 9, n.). The entries, besides being divided by paragraphi, have a marginal cross against them, indicating that payment had been made; cf. 1436. int.


${ }^{6} \mu \epsilon \rho(\iota \sigma \mu o v \hat{)}) \Delta \rho o ́(\mu o v)$ ©oń( $\left.\rho \iota \delta o s\right) \Delta \iota o \gamma \hat{a} s[$-, with traces of another line. On the verso is a fragment of a comedy (1400).
1517. $13 \times 11.8 \mathrm{~cm}$. A.D. 272 or 278 . On the verso of 1555 , which was written in A. D. $260-1$. A list of money-payments on Phamenoth 10 for Mecheir of the 3 rd year of an Emperor, who being later than Gallienus (cf. the recto) must be Aurelian or Probus, since Claudius and Carinus are unsuitable (cf. 1476.int.). The trades of the payers are usually given, which suggests that the impost was the $\chi \epsilon \iota \rho \omega \nu a ́ \xi \iota o v$ (cf. 1518-19 and 1432. int.); but in 1.6 the payment seems to be for oil, and the charge may have been of the same nature throughout. If so, since the account is clearly official, the oil-monopoly must have continued to a later date than has generally been supposed. At the bottom, written in the opposite direction, is a note concerning arrears from two villages $\Theta \hat{v} p ı s$ and $\Delta a ́ \chi \mu \omega \nu$ (gen.), which are otherwise unknown and perhaps were not Oxyrhynchite. ${ }^{1} \Lambda o ́ \gamma o s ~ \epsilon i \sigma \pi \rho a ́ \xi \epsilon \omega s$




 Kóт(ov?) ( $\delta \rho.) \mu,{ }^{14} Z \omega \rho \omega \rho o s(1 . \mathrm{Z} \omega \pi v \rho o s ?$ ) à $\rho \tau v \mu a \tau a ̂ s(\delta \rho.) \mu$ (in B. G. U. 1087. ii. 9 the monthly $\chi \in \iota \rho \omega \nu \dot{\xi} \nprec \nu \nu$ of $\mathfrak{a} \rho \tau v \mu a \tau a ̂ \tau \epsilon s$ is 36 dr.; cf. Wilcken, Archiv, v.

 numbering of the ${ }_{\epsilon} \kappa \theta \epsilon \sigma \iota \varsigma$ in l. I5 is unusual ; cf. 1448. I and 1519. I.
1518. $22.3 \times 6.2 \mathrm{~cm}$. Second century, in the 16th year of an Emperor (Hadrian or Antoninus ?). Fragment of a taxing-list of persons arranged according to their trades, barbers being taxed at the rate of 6 drachmae each (probably for a month ; cf. Archiv, v. 274) and $\kappa \lambda \epsilon \iota \delta \pi \pi o \iota o$ at perhaps the same rate, with additions in a smaller hand (printed in thick type) sometimes concerning:





 ${ }^{24} \Pi \epsilon \tau \epsilon \mu 0[v \nu \iota s$-. On the verso is an account of clothes, to be published in Part xiii.
1519. $10.5 \times 8.5 \mathrm{~cm}$. The upper part of a column containing (I) in $11 . \mathrm{x}-9$ a list of arrears of taxation, ranging from 4 to 32 drachmae, due from various
persons whose trades were generally stated, possibly because the tax was the $\chi \in \iota \rho \omega \nu \alpha \dot{\xi} \iota \circ$ (cf. 1517-18) ; (2) in 11. 10-14 part of a similar list of arrears of rent for buildings owned by the State (cf. 1461), the figures being omitted. $\kappa \omega \delta \hat{a} s(1.4)$ and $\pi o \rho \tau \hat{s}$ (l. 7) seem from the context to be new titles for sellers of fleeces (for кю́ठьь cf. e.g. P. Fay. IO7. 4) and calves (?), and parallel to e.g. ópvı解 in 1568. I, not proper names. The title on the verso mentions the current 5 th year of a joint reign, which was probably that of the Philippi (A. D. 247-8) or Valerian and Gallienus (257-8). ¹ $\Lambda$ óyos '̇ $\chi \theta \dot{\epsilon} \sigma \epsilon \omega s^{*}$







1520. $6 \times 7.4 \mathrm{~cm}$. A. D. 102. A receipt for instalments of poll-tax and pig-tax (cf. 1436. 8-9, nn., 1516, 1521) paid to tax-collectors of Oxyrhynchus,




 Written across the fibres. In 733 the beginning of 1.3 is probably to be
 cf. 1520. 4, 1521. 3-4.
1521. $8.8 \times 6.1 \mathrm{~cm}$. A. D. II3. A receipt, similar to 1520 , for an instalment of




1522. $12.5 \times 12.2 \mathrm{~cm}$. A. D. $220-22$. A series of receipts for payments of the $\sigma \tau$ '́фavos tax (cf. 1441. int.) by a senator and his grandson, in two columns. Of Col. i only the ends of lines are preserved, recording several payments of 40 drachmae on account in the 4 th year of Elagabalus to Aurelius Apion. Col. ii deals with the next two years, 200 drachmae in all being paid in the

 $\pi] \rho \alpha ́(\kappa \tau о \rho \sigma \iota) \sigma \tau \epsilon \phi a(\nu \iota \kappa \hat{\omega} \nu)^{4} \dot{v} \pi(\epsilon \hat{\epsilon} \rho) \beta$ '́ $\pi(\iota \mu \epsilon \rho \iota \sigma \mu \nu \hat{v}) \mu^{\prime}(\sigma \eta \varsigma) \tau о \pi(\alpha \rho \chi i a s) \lambda \eta(\mu \mu a ́ \tau \omega \nu)$




 $\mathrm{B} \eta \sigma a ́ \mu(\mu \omega \nu){ }^{10}{ }_{\delta}$ каi $\left.\Sigma a \rho a ̂ s \chi(\epsilon \iota \rho \iota \sigma \tau \eta ̀\rangle\right) \sigma \epsilon \sigma \eta \mu(\epsilon i ́ \omega \mu a \iota)$. Lines II-2I record similar acknowledgements by Besammon for payments of 40 dr . on account on Mecheir II, Phamenoth II, and Pharmouthi II of the same year, and on Hathur 10 of the 2nd year of M. Aurelius Severus Alexander Caesar the lord and a later month (lost). On the verso is a short account of corn received and expended, in a different hand, written after A. D. 222. ${ }^{1}$ 'A $\gamma \rho o$ os (i. e. ' the


1523. $15.2 \times 8 \mathrm{~cm}$. Third century. An interesting tax-receipt of a somewhat novel character, but incomplete at the top, where several lines belonging to the date formula are lost, and wanting about 5-7 letters at the beginnings of lines (cf. 11. 4, 7), while large portions are hopelessly obliterated. The pay-
 word) $\tau \hat{\omega} \nu \not ้ \in[. . . . .] ~ к. v \rho о \nu \mu \epsilon ́ \nu \omega \nu$ by the purchaser of two slaves; cf. P. Strassb. 79, a contract for the purchase of slaves $\delta \iota \alpha \dot{\alpha}$ ко $\mu$ кко́р $\omega \nu$ ( $=$ coactores). Preisigke, following Premerstein ap. Pauly-Wissowa, Realencycl. iv. 126, regards коца́кторєs as a species of bankers; but it is clear from 1523 that the conduct of a public auction (in P. Strassb. 79. $3 \dot{a} \pi a \rho \tau\langle i\rangle a$ corresponds to the word lost after $\grave{\epsilon} \kappa$ here) was the essential part of their duties. The $\dot{\epsilon} \gamma \kappa v ́ \kappa \lambda \iota o v$ was normally 10 per cent. in the Roman period, but a higher rate ( $73 \mathrm{dr} .5 \frac{1}{2}$ ob. or $3[] .5 \mathrm{dr} .5 \frac{1}{2}$ ob.) is found in A. D. 250 ; cf. 1284. int. For



 $\delta \hat{v}[0] \Sigma a \rho a \pi o .$. , the rest of this line and 1. 9 being obliterated, ${ }^{10}[\ldots \ldots . .].$. .
 $/ \delta \rho a \chi \mu a i \rho \xi \bar{\delta}$, . [.] ., followed by traces of 3 lines.
1524. $13 \times 9.2 \mathrm{~cm}$. Early fourth century. A receipt for payments in gold and silver (cf. 1430. int. and P. Thead. 33) for an unspecified tax. ${ }^{1}$ Mậ̣v





1525. $14 \times 6.7 \mathrm{~cm}$. A.D. 216. Beginning of a report concerning payments of corn in Mesore, similar to 1443-4 and 1526, sent to a strategus by the sitologi of Nemera, a village in the middle toparchy, probably in Thoth. About 9 letters are lost at the beginnings of lines. ${ }^{1}\left[A \dot{v} \rho \eta \lambda i \varphi{ }^{\prime}{ }^{\prime} A\right] v o v \beta i ́ \omega \nu \iota(c f .1432$.




 $a ้ \nu \delta(\rho a)$ ?] $\tau о u ́ \tau \omega \nu$. [...] $] \in \tau a!$, followed by ends of 6 lines recording individual payments for $\pi 0 \lambda(\iota \tau \iota \kappa \alpha)$ or $\kappa \omega(\mu \eta \tau \iota \kappa \alpha)$, as in 1444 . On the verso is $\mathbf{1 5 3 0}$.
1526. $13.8 \times 23 \mathrm{~cm}$. A. D. $222-3$. Part of a report, similar to 1525 , sent by the sitologi of Psobthis in the middle toparchy, but unaddressed (cf. e.g. 1449). The payments were usually described as $\theta \dot{\epsilon} \mu a \tau a$ : cf. 1444. int. ${ }^{1} \sigma$. . [ (above
 $\tau о \hat{\kappa} \kappa a i{ }^{3} \Delta \eta \mu \eta \tau \rho i ́ o v ~ \sigma \iota \tau о \lambda o ́ \gamma \omega \nu \mu \epsilon ́[\sigma \eta s \tau 0] \pi(a \rho \chi i ́ a s) \Psi \omega \beta \beta(\epsilon \omega s) \tau o ́ \pi(\omega \nu) .{ }^{4} \kappa a \tau{ }^{\prime}{ }^{\alpha} \nu \delta \rho a$

入ıo七 (cf. 1444. 8) ${ }^{8}{ }^{\circ} \mathrm{H} \rho a ́ к \lambda \iota o s ~ B a v \theta \lambda a ̂ t o s ~(s e c o n d ~ a ~ c o r r). ~ \theta \epsilon ́ \mu a ~(a ̉ \rho \tau \alpha ́ \beta a s) ~ \nu \gamma, ~$


 followed by parts of 5 more lines and beginnings of the first II lines of a second column, the names having opposite to them strokes in the margin (indicating revision), as in 1436.
1527. $13.6 \times 5.1 \mathrm{~cm}$. A. D. $26 \mathrm{I}-2$. Joined to an obliterated document and another papyrus, 1573. I-ro being on the verso of 1527 and the obliterated document. Beginning of an official account of produce in arrear from the 9 th back to the 6 th year of, probably, Gallienus, the reign of Macrianus and Quietus being ignored (cf. 1476. int.). In some cases the produce was destined for loans to $\gamma \epsilon \omega \rho \gamma o i$, but had not yet been issued; references are made to a more









1528. $17.7 \times 7.1 \mathrm{~cm}$. A. D. $266-7$. An account, probably written by a sitologus or decaprotus, of payments in corn for the I 3 th and I4th year of a reign, which was more probably that of Gallienus than that of Septimius Severus with his sons, from four villages, which are all known to have been in the western toparchy







 and in 1. II 646 should be $646 \frac{3}{4}$ (or, allowing for the mistake in $1.5,650 \frac{3}{4}$ ). $\pi \rho(o \sigma \mu \epsilon \tau \rho \rho v \mu \dot{\epsilon} \nu \omega \nu)$ is written $\rho$ ) in ll. 12-15 (cf. 1443. II), but $\pi \rho(0 \sigma \mu$.) cannot be read for $\dot{\rho} v \pi(a \rho a i)$ in ll. 2, 6 , and II. In 1. $12 \dot{v} \pi \sigma \sigma \pi(\alpha \dot{\sigma} \sigma \omega \mathrm{~s})$ is possible; cf. P. Tebt. 336. 7.
1529. $17.3 \times 12 \mathrm{~cm}$. Third century. The lower portion of a list of payments of corn by different villages, all of which except Movxıvүá入 $\eta$ and 'A $\sigma \sigma v u^{a}$ (Movxıv\%. new,'A A $\sigma v a^{\prime}$ new as regards the Oxyrhynchite nome; cf. 1418. 13, n.), are known to have been in the lower toparchy (cf. 1285. 129-4I). Two columns of numbers are given, the second series, in which the figures are about 25 per cent. higher than in the first, probably including $\pi \rho \sigma \sigma \mu \epsilon \tau \rho o v \not \mu \epsilon \nu a$


 $\nu\left[\right.$-, ${ }^{7}$ Kó $\beta a$ (cf. 1285. I35, where Kó $\beta a$ is probably meant) (à $\rho \tau$.) $\phi \nu \varsigma \leftharpoonup$ ( $\mathfrak{a} \rho \tau$.)


 fractions; cf. 1. 6), ${ }^{14}$ [14 letters] $\pi \lambda \epsilon \dot{\epsilon} \omega$ (àpr.) $i \delta \angle[$. . (referring to the second total of Iseum Tryphonis or to another village).
1530. $14 \times 6.7 \mathrm{~cm}$. A.D. $215-6$. On the verso of 1525 . An account of corn due to sitologi at Phthochis, a village of the eastern toparchy (cf. 248. 8-9),










 Lines 4, 7, 9, II, I5, I7 were inserted later, recording actual payments, which were in all cases somewhat less than the amounts due.
1531. $27.6 \times$ II. 6 cm . Before A. D. 258,1637 , which is a contract on the verso, having been written during the praefecture of Mussius Aemilianus (cf. 1468. I-2, n.). A list of payments in corn by $\gamma \epsilon \sigma \hat{\chi} \chi \circ \iota$ and $\kappa \omega \mu \tilde{\eta} \tau a \iota$ at Kerkeura (cf. 1285. II6) and probably another village in the middle toparchy ; cf. 1444,


 (dјт.) [., followed by 12 other names, ${ }^{19} /$ ai $\pi$ (рокєiцєvaı). ${ }^{20} \mathrm{~K} \epsilon \rho к є \dot{v} \rho \omega \nu$ до(ьтаi) $\kappa \omega(\mu \eta \tau \hat{\omega} \nu)(\dot{\alpha} \rho \tau.) \nu\left[.,{ }^{21} \gamma \epsilon o v_{\chi} \omega \nu\left(\dot{a}^{\rho} \tau \tau\right.\right.$.) $\psi v[$., with traces of 2 more lines.
1532. $15.2 \times 8.9 \mathrm{~cm}$. Late third century. Ends of 13 lines from the top of a column of a list of payments in wheat and barley by ( $\beta a \sigma \iota \lambda_{\iota} \kappa \circ i$ ) $\gamma \epsilon \omega \rho \gamma o l$, some of whom have коьv $\omega v o i$. On the verso is 1477.
1533. $11.9 \times 9.2 \mathrm{~cm}$. Late second or early third century. Parts of 18 lines of a list of land-holders with the amounts of their holdings. Some of the land is described as $\beta a \sigma \iota \lambda \iota \kappa \eta$, other entries probably refer to $i \delta \iota \omega \tau \iota \kappa \eta$ : cf. 1534. The personal name Пє $\omega \frac{(\hat{v} s ?) \text { and the } \Delta о \rho к \alpha ̣ \omega[\nu o s ~ к \lambda \hat{\eta} \rho o s ~(c f . ~ 1508 . ~}{7}$ $\Delta[0] \rho \kappa \omega v[0] s)$ occur. On the verso is 1421.
1534. $23.5 \times 18.2 \mathrm{~cm}$. Early third century. Part of a list of holders of catoecic, private, and (rarely) Crown land, arranged according to $\kappa \lambda \hat{\eta} \rho o \iota$, probably at a village in the Thmoisepho toparchy (cf. the mention of Paomis, which was in that toparchy, in l. I2), and possibly at Nıкобтра́тоv е̇тоíкьov or
 $\Phi \iota \lambda . \kappa \lambda$. in 1459. 32. The papyrus was probably drawn up by a comogrammateus ; cf. 1445. int. Col. i contains the ends of 14 lines, mostly referring to $i \delta \iota \iota(\tau \iota \kappa \grave{\eta}) \dot{\epsilon} \sigma \pi(a \rho \mu \epsilon ́ \nu \eta)$, but with one reference to $\beta a \sigma \iota \lambda(\iota \kappa \grave{\eta}) \dot{\epsilon} \sigma \pi$. Col. ii ${ }^{1}{ }_{\epsilon} \epsilon \kappa \tau \hat{\eta} s$

















 fragment contains a few letters from the beginnings of 13 lines of another column, mentioning $\epsilon^{\epsilon} \kappa \tau(o \hat{v}) K v[\ldots$ (sc. к $\kappa \lambda$ ńpov).
1535. $22.5 \times 6.3 \mathrm{~cm}$. Third century. Parts of 24 lines of a list of landholders with descriptions of their tenure; cf. 1534, 1537. The proper




 the conclusion of a receipt for 260 drachmae in all for the burial of the writer's father and of Isidora and for other expenses, written in the 6th year of an unnamed Emperor. ${ }^{1} \delta \iota a\left[{ }^{2} \delta \rho a \chi\left[\mu a ̀ s{ }^{3} \kappa a i \zeta \epsilon \bar{\gamma} \gamma \sigma s\left[\ldots . . . .{ }^{4} \omega \nu \pi a \chi \eta{ }^{\eta} \omega \nu\right.\right.\right.$




1536. $8.3 \times 10.6 \mathrm{~cm}$. Second century. On the verso of 1508. Beginning of a list of land-holders, apparently persons who had purchased land from the State (cf. $\kappa \in \kappa v \rho \omega\left(\mu \varepsilon \varepsilon^{\prime} \nu \omega \nu\right)$ in l. I with e.g. 513.4). The beginnings of the lines are lost, but only a few letters seem to be missing ; cf. 1. 3. ${ }^{1} \ldots .$. . . [. .] . . . $\omega$



 with traces of 3 more lines.
1537. $20.8 \times 13.2 \mathrm{~cm}$. Late second or early third century. Part of a list of
 $\gamma$ î̀es (cf. 918), followed by an unusually elaborate statement of the adjacent areas of the group of holdings described. ${ }^{1}{ }_{\epsilon}^{\epsilon} \pi(i)$ гò aùvò) ai $\pi(\rho о к \epsilon i \mu \epsilon \nu a \iota), \dot{\omega} \nu \cdot$




 $\gamma \epsilon \gamma \rho a(\mu \mu \epsilon \nu \omega \nu)$. ${ }^{12}$ (after a space) $\pi \epsilon \delta \delta \iota a \sigma \dot{\prime} \mu o v^{*}$ (a rare form, not found elsewhere





 (A. D. $23^{8}$ ).
1538. $18.8 \times 6.5 \mathrm{~cm}$. Early third century. Fragment of a list of owners of







 account of receipts and expenses, to be published in Part xiii.
1539. $13.7 \times 7.4 \mathrm{~cm}$. A. D. 179-80. Two certificates issued by an assistant of the sitologi, crediting payments of wheat from one private person's account to that of another ; cf. 518, 813-14, Preisigke, Girowesen, 143-4. ${ }^{1} \Delta^{\prime}$ lєбтá-









1540. $18.8 \times 7.9 \mathrm{~cm}$. A. D. $187-8$. Two similar certificates issued by a sito-
logus of Pakerke or his assistant, crediting payments of wheat, in the first case from the private account of a gymnasiarch or ex-gymnasiarch to the metropolis as, represented by himself (cf. 88), in the second from an individual to the sitologi of Pakerke. ${ }^{1} \Delta_{\iota \epsilon \sigma \tau a ́ \lambda}(\eta \sigma a \nu)$ ( $\left.\pi v \rho o \hat{v}\right) \gamma \epsilon \nu \dot{\eta} \mu(a \tau o s)$ тov̂ $\delta \iota \epsilon \lambda \theta$ (óvtos)





 $\chi$ (oiv.) $\eta$. ' 'А $\mu \mu \omega(\nu$ vos $) \sigma \epsilon \sigma \eta(\mu \epsilon i \omega \mu a l)$. The writing is across the fibres.
1541. $10 \times 11.7 \mathrm{~cm}$. A.D. 192. Receipt, similar to P. Tebt. 369 , issued by a sitologus for payments by two persons, one a Roman citizen, amounting
 other purposes ; cf. Wilcken, Grundz. 359). ${ }^{1}$ Мє $\mu \in \dot{\epsilon} \tau(\rho \eta \nu \tau a \iota)$ єis tò $\delta \eta \mu o ́(\sigma \iota o \nu)$




 (óyos) $\sigma \epsilon \sigma \eta(\mu \epsilon \dot{\epsilon} \omega \mu a \iota)$ ( $\pi v \rho$.) (à $\rho \tau$.) $\rho \kappa \epsilon$. The writing is across the fibres.
1542. $14 \times 13.7 \mathrm{~cm}$. A.D. 307 . A counter-receipt (made out by the payer in the first person; cf. P. Gen. 36, B.G. U. 927, 974, Wilcken, Archiv, ii. 386, iii. 395) for various payments of corn to sitologi of Seruphis (cf. 1421. 3, n.) from $\gamma \epsilon \omega \rho \gamma o i$ on behalf of, probably, owners of iò $\omega \omega \tau \kappa \kappa \grave{\eta} \gamma \hat{\eta}$.







 (sc. of Galerius Augustus) $\gamma$ ( $\epsilon_{\tau} \tau_{\tau}$ ) (of Severus Aug. and Maximinus Caesar)

 ${ }^{15}\left[\delta \iota^{\prime}\right] \grave{\epsilon} \mu<\hat{v} \Pi a \mu \circ \dot{v} \nu \iota(0\rangle s[\gamma] \rho a \mu(\mu a \tau \epsilon \in \omega s) \sigma \epsilon \sigma \eta \mu(\epsilon \iota \omega \prime \mu \epsilon \theta a)$. For the date cf. P. Thead. Io. 16 ; in P. Grenf. ii. 78.29 ( ${ }^{( } \tau$ т.) $a$, not $\beta$, is to be restored before $\left.\tau\right] \omega \bar{\omega} \nu \kappa \nu \rho(\omega \nu$. 1543. $8.5 \times 9.3 \mathrm{~cm}$. About A. D. 299. Beginning of a receipt for chaff supplied
to soldiers on the march through Oxyrhynchus from an unknown place； cf．Wilcken，Ost．i．162－4，Milne，Theban Ost．103－12．${ }^{1}$＇Eスítpıбєь（a new word meaning＇measure by $\lambda i ́ t \rho a l '$＇cf．$\lambda \iota \tau \rho \iota \sigma \mu o ́ s) ~ छ ̇ \pi i ̀ ~ \tau \hat{\eta} s \pi o ́ \lambda \epsilon \omega s{ }^{2} \pi \rho o ̀ s ~ \delta \iota a ́ ⿱ 亠 乂 寸 o \sigma \iota \nu$

 ［ら（ढ̈тous）$\left.\lambda_{1}\right]$ Tpas ${ }^{7}{ }^{7} \tau \epsilon \sigma \sigma \alpha \rho a ́ к о[\nu \tau a \ldots$ ．Written across the fibres，but apparently on the recto．
1544． $20.1 \times 8.9 \mathrm{~cm}$ ．A．D． $284-304$ ．Receipt in a large cursive hand from a $\pi \rho a \not \mu a t \epsilon v \tau \eta$＇s（cf．1514．I）of Aurelius Ammonion，who is called кра́тьбтоs
 person（cf．1412．int．），to another $\pi \rho a \not \mu a \tau \epsilon \nu \tau i ́ s$, acknowledging 100 artabae of wheat，which the writer had put on board a ship at Pelusium．The dating by consuls（whose names are omitted）indicates a reign not earlier than Diocletian＇s，and the handwriting does not favour a later Emperor．




1545． $17.9 \times 8.1 \mathrm{~cm}$ ．Fourth century．List of places ordered to supply meat， probably for military purposes（cf．1513），Oxyrhynchus providing for 10 days＇ supplies（1．11）and various villages for lesser periods，the length of which is probably a rough criterion of their comparative sizes．The papyrus belongs to the period after the division of the nome into pagi in place of toparchies （cf．1425．4，n．）；but there is no indication that the villages belonged to any one pagus．Taampemou was in the eastern toparchy，Seruphis（which is mentioned next ；cf．1421．3，n．）in the western，like Senokomis，which is here coupled with Пapóplov（cf．1475．22，n．）．Teïs was in the Thmoisepho top．， Petne in the middle top．；Milon［os？］and Severias were previously unknown．


 $[\tau] \hat{\eta} s \pi o ́ \lambda \epsilon \omega s{ }^{12} \dot{\tau} \pi \epsilon \grave{\rho} \rho \dot{\eta} \mu \epsilon \rho \hat{\omega} \nu$ ı．
1546． $16 \times 1.2 \mathrm{~cm}$ ．Late third century．An incomplete account rendered by $\chi \omega \mu a \tau \epsilon \pi \iota \mu \epsilon \lambda \eta \tau a i$ or $\chi \omega \mu a \tau \epsilon \pi \epsilon i \kappa \tau a \iota$（cf．1409．13－14，n．）to a superior（the strategus？）concerning work done on the repairs of dykes by different villages，giving the number of vaúßıa dug and the number still due；cf． 1409 and 1469 ．The $\mu \epsilon \rho$ ís in 1.3 would be expected to refer to a toparchy rather than to a pagus（cf． 1425.4, n．）；but Seruphis（1．5）was in the western toparchy，Teís（1．10）in that of Thmoisepho（cf．however 1545，where those
two villages occur in the same list), and Phoboou (1. 11 ?) in the eastern.







## (4) Declarations to Officials.

1547. $23.9 \times 11 \mathrm{~cm}$. A. D. 119. Census-return of an inhabitant of Oxyrhynchus, similar to 171 (ii, p. 208), 1548, P. Flor. 4, P. S. I. 53. The middle and lower portions are much damaged. At the top is a cross, as in 1452.

 $\pi o ́ \lambda \epsilon \omega s$. катà đà $\mathrm{k} \mathrm{\epsilon-}{ }^{4}$ (ist h. $\pi a \rho \epsilon(\tau \epsilon \in \theta \eta)$ in the margin ; cf. 1475. I, 1552. 1)























 i. 19). On the verso ${ }^{44} \mathrm{~T} \hat{\nu} \beta!\iota \_$к $\quad$.
1548. $2 \mathrm{I} \cdot \mathrm{I} \times 9 \mathrm{~cm}$. A. D. $202-3$. Census-return of an inhabitant of Oxyrhynchus, similar to 1547 and breaking off at about the same point. The officials addressed are, as often in returns to the strategus (cf. e.g. 1111), not stated, though the document in a marginal note at the top is called an


















1549. $12.3 \times 13.9 \mathrm{~cm}$. A. D. 240 . Two returns of unwatered land at Peënno (a village near Nemera; cf. 1.23 and 1112. 7) from Aurelius Theogenes, similar to 1459 and numbered 33 and 34 in a series of documents glued together, of which nos. $3^{1}$ and 32 form 1433. The first is addressed to the basilicogrammateus, like 1458. ${ }^{1} \lambda \gamma{ }^{2}$ A $\dot{\nu} \eta \lambda i ́ \varphi$ Пто $\lambda \epsilon \mu a i ́ \varphi \beta a \sigma \iota \lambda(\iota \kappa \hat{\varphi}){ }^{3} \gamma \rho a(\mu \mu a \tau \epsilon i)$






 end being lost. The second return, addressed to a comogrammateus (cf. 1113) begins ${ }^{22} \lambda \delta$. ${ }^{23} \mathrm{~K} \omega \mu о \gamma \rho a(\mu \mu a \tau \epsilon \hat{\imath}) \mathrm{N} \epsilon \mu \epsilon \epsilon^{\prime} \rho \omega \nu \kappa \alpha i{ }^{24}{ }^{2} \lambda \lambda \omega \nu \kappa \omega \mu \hat{\omega} \nu[\tau] \hat{\eta} s \mu \epsilon ́ \sigma \eta s$



1550. $16 \times 4.7 \mathrm{~cm}$. A. D. I56. Notice of the death of two relatives, sent to the scribes of the city by a iєpotéкт $\omega v$ (cf. 579, Milne, Greek Inscriptions of the Cairo Museum, 9313) of Thoëris, Isis, Sarapis and the associated gods (cf. 46. 8), similar to $79,262,1030,1198$, but incomplete at the end. ${ }^{1}\left[{ }^{1} A\right] \pi 0 \lambda \lambda \omega \nu \hat{i}[\omega$

 $\chi \omega \nu \pi o^{-}{ }^{7}[\lambda \epsilon \omega] s$ i $\epsilon \rho о \tau \epsilon ́ \kappa т о \nu o s ~\left(i \epsilon \rho\right.$., as in l. I4; second o corr.) ${ }^{8}[\Theta о \eta \rho] \iota \delta o[s] \kappa \alpha\langle i\rangle$ ${ }^{2} \mathrm{I} \sigma \iota \delta o[s] \kappa a i^{9}[\Sigma a \rho a ́] \pi \iota \delta o s \kappa a[i] \tau \hat{\omega} \nu{ }^{10}[\sigma v \nu] \nu a ́ \omega \nu \quad \theta \epsilon \hat{\omega}[\nu] \mu \epsilon \gamma i \sigma-{ }^{11}[\tau \omega] v$. ó $\pi a \tau \eta{ }^{11} \rho \mu \sigma[v$








 $\tau \dot{d} \xi \in \iota .$.
1551. $14 . \mathrm{I} \times 8.2 \mathrm{~cm}$. A. D. 304 . Notice of the death of the writer's son, addressed to a $\sigma v \sigma \tau a ́ r \eta s$ (cf. 1509). This is the latest extant example of this class of documents upon papyrus, and at the end the formula has a clause which is absent from the earlier notices, e.g.1030. ${ }^{1}$ 'Е $\pi i$ vinár $\omega \nu$ (ür.)






 [ $\lambda \hat{\eta} s$ ?, with traces of another line.
1552. $12.3 \times 9.7 \mathrm{~cm}$. A. D. 214-5. Registration (ávaypaф ${ }^{\text {) }}$ ) of a recently-born boy, addressed to an à $\mu \phi$ oঠoү $\rho a \mu \mu a \tau \epsilon \dot{s}$ and closely resembling 1267 ; cf. also P.S.I. 164 , a similar return sent to a $\sigma v \sigma \tau \alpha \dot{\sigma} \eta \xi$. Part of the date and the signature are missing at the end. The age of the boy in l. 15 is not quite certain, but $a$ is supported by 1267. I8 ( 3 years and 5 months), and the editors of P.S.I. 164 do not seem justified in restoring $[\iota \delta]$ in the corresponding

$\delta o \gamma \rho a(\mu \mu a \tau \epsilon \hat{\imath}) \gamma \phi v \lambda\left(\hat{\eta}_{S}\right) \beta \pi \epsilon \rho \iota o ́ \delta \partial v$ (cf. 1030. int.) ${ }^{4} \pi a \rho a ̀{ }^{\prime} A \nu \tau \iota o ́ \chi o v$ Пто入入íwvos






 Mєүі́бтоv...
1553. $13.7 \times 7.2 \mathrm{~cm}$. A. D. 214 . Conclusion of a declaration on oath concerning a voyage to Alexandria (?) and surety in connexion with an official position of some kind, probably that of $\kappa v \beta \epsilon \rho \nu \eta i \tau \eta s$; cf. 1554-5, which are addressed to strategi, as 1553 may well have been, and 1197, where 11. 17-18 are to be restored on the analogy of 1553. 7-9[Tap'́] $\chi$ Хov $\delta^{\prime} \epsilon \epsilon \mu a v \tau o \hat{\epsilon} \dot{\epsilon} \nu[\gamma v \eta] \tau \grave{\eta}[\nu]$






 $\pi \rho$ о́кєıт[a८.
1554. $13.7 \times 8.3 \mathrm{~cm}$. A. D. 25 r. Conclusion of a declaration on oath for surety of a boat-owner, addressed to a strategus (cf. 1.8 with 1555. 14), similar to








 traces of 2 lines.
1555. $13 \times 11.8 \mathrm{~cm}$. A. D. $260-\mathrm{I}$. The upper part of two declarations on oath to a strategus concerning surety, probably for appearance at an inquiry, though no definite indication is given; cf. P. Grenf. ii. 62, 79. Col. i:



 $\pi o ́ \lambda \epsilon \omega s,{ }^{14} \hat{o} \nu$ к $\alpha i[\pi a \rho a \sigma \tau \eta \sigma \omega \sigma o \iota .$. Col. ii (2nd h.) has the same formula, Aurelius Asclepiades also called Sarapion, son of Pausirion, becoming surety for Aurelius Aphunchis son of Thonis. On the verso is 1517.

## (5) Petitions.

1556. $9.2 \times 6.1 \mathrm{~cm}$. A.D. 247 . Conclusion of a petition concerning an assault, no doubt addressed to a strategus (cf. 1. 1 with P. Tebt. 303. 13-14). ${ }^{1}$ [. . .] $\mathfrak{\varepsilon} \nu \dot{\imath}$



 ${ }^{13}[\Sigma \epsilon \beta a \sigma] \tau \hat{\omega} \nu \mathrm{T} \hat{\nu} \beta \iota \eta$, with traces of another line. On the verso is a fragment of a document dated ( $\epsilon_{\tau}^{\prime}$ ovs) $\in \Pi a \chi \grave{\omega}[\nu$. ., i. e. a year later than the recto.
1557. $10.5 \times 8 \mathrm{~cm}$. A. D. 255 . Conclusion of a petition (to a strategus?) con-








1558. $9 \times 10.3 \mathrm{~cm}$. A. D. 267. Fragment from the end of a petition by a woman, with two $\dot{v} \pi о \gamma \rho a \phi a i$ of officials, of which the first (11. 6-8) was apparently translated from Latin and may well have been that of a praefect. The 'laws of the Egyptians' are contrasted with the 'Roman constitution' (1l. 3-4). The 14th year in the date $(1.5)$ probably refers to Gallienus. The length






 that name in 1209.8 (A. D. $25 \mathrm{I}-3$ ) and 1276.3 (A. D. 249).
1559. $9.5 \times 15 \mathrm{~cm}$. A. D. 34 I . Beginning of a petition to the $\epsilon \pi \sigma^{\prime} \pi \tau \eta s \in i \rho \eta \dot{\prime} \eta \mathrm{~s}$, the chief of the police of the nome in the fourth century (cf. 991 and Jouguet,
P. Thead. 17.15, n.) from a senator, complaining of his treatment by Besammon. A new praefect of Augustamnica (cf. 1428. int.), Fl. Julius Ammonius, occurs in 1.8. ${ }^{1} \Upsilon \pi a \tau \epsilon i a s ~ ' A \nu \tau \omega r i ́ o v ~ М а \rho к є \lambda \lambda i ́ v o v ~ к а i ~ П є \tau \rho \omega \nu i o[v] ~$









## (6) Registration of Contracts.

1560. $10 \times 9 \mathrm{~cm}$. A. D. 209. Fragment from the beginning of an application to a strategus (ll. 2-5), enclosing a letter (1l. 5-8) of the archidicastes Eudaemon also called Asclepiades, who was previously unknown, authorizing the $\mu \in \tau$ ádo $\begin{aligned} & \text { ıs of a } \dot{v} \pi o ́ \mu \nu \eta \mu a \text {, of which a copy is appended (1l. 8-12), together }\end{aligned}$ with a copy of the contract in question (ll. 13 sqq.). The whole document is similar to 1474 ; cf. 1472 . int. The applicant, Aurelius Horion, who is also known from 705, bears an interesting list of Alexandrian titles; cf. 1412. $1-3, n$. While the total length of the lacuna between the lines is clear from the certain restorations in 11. 4-9, the point of division is not quite certain ; but probably the fragment belongs to a point near the ends of lines. ${ }^{1}$ (in the upper margin) - ${ }^{\top} \omega!$ (probably not $\left.\sigma \tau \rho a \tau \eta \gamma\right] \hat{\omega} \iota$ ). ${ }^{2}[\ldots . . . . .$.















1561. $16.9 \times 17.3 \mathrm{~cm}$. A. D. 268. Conclusion of a series of documents concerning the $\delta \eta \mu \sigma \sigma i \omega \sigma \iota s$ of a loan on mortgage of house-property, closely resembling 1200 and 1475 , but having the very cursive signature of an official in the office of the archidicastes at the end; cf. 1475. int. Lines $3^{-6}$ correspond to







 $\Theta[\stackrel{\omega}{\omega}]$ a.
1562. $22.7 \times 8.8 \mathrm{~cm}$. A. D. $276-82$. Beginnings of lines of a contract by Deme-
 cf. 11. 3-4). The reign was that of Probus (cf. 1. 7 with 1.27), and in spite of the great length of the lines (110-120 letters are lost at the ends ; cf. 11.1 and 26) much of the $\grave{\epsilon} \kappa \mu \rho \sigma v^{\rho} \eta \sigma \iota s$ (11. 1-5 and 29) can be restored from the nearly contemporary and completely preserved parallel, 1208. On the nature and purpose of èкцарти́pךбıь see 1208. int., Jörs, Zeitschr. f. Savignyst. xxxiv. 107 sqq . The contract of óádvoıs ( $11.5-28$ ) concerned house-property which was to have been conveyed (катаүрá $\phi \epsilon \sigma \theta a \iota$ ) to Demetrianus by Ammonius (1. 12); but before payment was made the agreement was interfered with by the claims of a third party (apparently the Eudaemon mentioned in 11. 9 and 18), who demanded from Ammonius the repayment of a debt concerning the Treasury (1l. 14-16). The matter was brought before a deputy-epistrategus (1. 17), an extract from the proceedings being quoted in 11. $18-19$, which are indented, with the result that the original contract of катаүрафض' deposited in the archives was annulled (11. 19-21) and Ammonius undertook to waive any claims against the original purchaser.






























 aùr $\grave{\imath}$.
(7) Horoscopes and Prayers.
1563. $11 \cdot 1 \times 19.3 \mathrm{~cm}$. A. D. 258 . Horoscope of a person born on Thoth 27 (Sept. 24) of the 6th year of Valerian, Gallienus, and Saloninus, who is here called Augustus, as on coins (cf. 1273. 44, where he is called Caesar, apparently in the 7 th year). The positions of the heavenly bodies are defined by degrees and minutes, as in 1478. On the importance of this astronomical date for the chronology of Gallienus see 1476. int. ${ }^{1}$ S ( $\left.\epsilon \tau \sigma v s\right) \tau \hat{\omega} \nu \kappa v \rho i ́ \omega v \dot{\eta} \mu \hat{\omega} \nu$ Ovia $\lambda \epsilon \rho \iota a-$





1564. $9.3 \times 13.8 \mathrm{~cm}$. A. D. 283 . Horoscope of a person born on Phamenoth




1565. $9.2 \times 8.9 \mathrm{~cm}$. A. D. 293. Horoscope of a person born on the last day of




 the Zodiac) $\Lambda \varrho_{6} \in\left[\nu-{ }^{11}[\tau 0]\right.$. Written across the fibres.
1566. $23.5 \times 14.3 \mathrm{~cm}$. Fourth century. A badly-spelled Gnostic invocation of the Deity under various names, several of which are non-Greek words, with an address on the verso; cf. B. G. U. I026. xxiii. There are traces of an earlier document which has been washed out. ${ }^{1}$ Xaîpaı ( $1 . \chi a i \hat{\rho} \epsilon$, as elsewhere)




 oiкíav.

## (8) Orders and Demands for Payment.

1567. $3.7 \times 10.7 \mathrm{~cm}$. Fourth century. A short order connected with the

 the fibres.
1568. $3.9 \times 9.8 \mathrm{~cm}$. A. D. 265 . Order to a poultry-dealer (ảpvı日̂âs, an apparently
 and twenty eggs for a birthday-festival. The I $3^{\text {th }}$ year in the date probably

 $\sigma \epsilon \sigma \eta \mu\left(\epsilon^{\prime} \omega \mu a t\right)$. On the verso parts of 3 lines of an account.
1569. $8.6 \times 7.9 \mathrm{~cm}$. Third century, On the verso of the ends of 8 lines of a letter mentioning oiкодо́ноь and a доуıбтípıov, which was written in about the middle of the third century across the fibres. Order to an agent ( $\pi \rho a \gamma \mu a-$ Tevin's : cf. 1514. 1) from a woman to pay a builder six jars of wine, dated on Choiak 21 (Dec. 17) of the Ist year of an unnamed reign, which was probably that of Macrianus and Quietus, Claudius, Aurelian, or Tacitus ; cf. 1476. int.


 writing is along the fibres.
1570. $6.8 \times 9.2 \mathrm{~cm}$. After 250. On the verso of part of a lease written in the 4th year of an unspecified reign, which was probably that of Valerian and Gallienus or Aurelian or Probus, to be published in Part xiii. Order for the payment of 480 drachmae to ḋтaırๆтаi тaúpos (or Taúp $\omega \nu$ as a placename; for $\dot{a} \pi a \iota \tau \eta \tau a i ́ c f .1419 .4, n$.$) , written in the 4$ th year of probably the same reign as that mentioned on the recto. ${ }^{1} \Pi(a \rho a ̀) \Delta \iota \gamma \epsilon \nu i \delta \delta o s ~ \Sigma \alpha \rho \alpha-{ }^{2} \pi \alpha ́ \mu \mu \omega \nu \iota$



1571. $14.5 \times 10.4 \mathrm{~cm}$. A. D. 297. Order to a $\gamma \epsilon \omega \rho \gamma{ }^{2}{ }^{2}$ to pay 23 artabae of wheat



 ${ }^{\mathrm{e}} \mathrm{H} \mathrm{\rho} \hat{\mathrm{a}}$.
1572. $8.2 \times 12.6 \mathrm{~cm}$. A.D. 299. Order to supply a baker with 50 out of 100 artabae of $\tau \hat{\eta} \lambda \iota s$ ('fenugreek'; here employed for food, not unguents), countermanding a previous order for the employment of the aitabae for






1573. $12.4 \times 15.6 \mathrm{~cm}$. Late third century. Three orders for payment addressed to the same person, the first two, which are in the same hand, being written on the verso of 1527 and another document joined to it, of which the writing is obliterated, while the third was written across the fibres on the recto of a piece of papyrus which was originally distinct. The first order (II. I-5) is from a $\dot{u} \pi \eta \rho \rho^{\prime} \tau \eta s$ and concerns the payment of 92 drachmac for $\tau u \mu \bar{\eta}$ ourrov, apparently a tax of some kind, which was defined in an obscure marginal note. The second order (11. 6-10), written on the same day, concerns a payment of 112 drachmae for $\tau \iota \mu \grave{\eta}$ olvov provided on account of the annona of the epistrategus Demetrius, who is not otherwise known. The third order (1l. $11-16$ ), which is from a gymnasiarch or ex-gymnasiarch and has lost a few letters at the beginnings of lines, concerns the payment of a number of items, of which the total was 768 drachmae, on account of a
monthly instalment of a tax; but the nature of it is not made clear. ${ }^{1}{ }^{\text {E }}$ Epuias










 $\delta \iota a \gamma \rho a(\phi \hat{\eta} s)(\delta \rho.) \psi \xi \eta .{ }^{16}[\Sigma \epsilon \sigma v \eta ̂ \rho o] s$. $\sigma \epsilon \sigma \eta(\mu \epsilon \dot{\omega} \omega \mu a \iota)$.
1574. $7.4 \times \mathrm{I} 3.6 \mathrm{~cm}$. A. D. 324 . On the verso of the last four lines of an early fourth-century letter. Order to give a jar of wine to the writer's brothers, dated in the 18 th year (of Constantine) which $=$ the 16 th (of Licinius) and the 8th (of the Caesars Crispus, Constantine, and Licinius), Tubi 26 , i. e. Jan.


 каi a ( ${ }^{\epsilon} \tau$.), which the editors assign to $294-5$, supposing two errors in the figures, is dated like 1574 , and refers to $316-17$; cf. 1410. 5 , n.
1575. $5.9 \times 14 \mathrm{~cm}$. A. D. 339 ?. On the verso of 1589 . Order to the writer's sister to give their brother I artaba of barley, dated by three different eras of Oxyrhynchus, the first being probably that of A. D. 307 , the second being lost, the third apparently that of 334 ( $a$ might be read for $\epsilon$ in the third



1576. $5.8 \times 10.6 \mathrm{~cm}$. Third century, probably before A. D. 250 , written across the fibres in the 4th year of an unnamed Emperor. Order to allow the


1577. $17.3 \times 9.1 \mathrm{~cm}$. Third century. Demand addressed to Heraclides, overseer of an estate, by the фроvтıбти's of Stephanitis (a village ; cf. 1578. 2 and
 of reeds, and the writer's salary, making 880 drachmae in all, from which were
 price of two jars of wine sold by the фpoutıorís. Written in the and year
of an unnamed Emperor, the reign being very likely the same as that in 1578 (4th year), which was found in the same mound and may refer to the








1578. $17.6 \times 18.3 \mathrm{~cm}$. Third century. Three demands, which were originally separate, similar to 1577, addressed in successive months to Sarapammon, overseer of the estates of the heirs of Claudia Isidora, by a фрovtıot ${ }^{\prime} s$ of Tholthis in the Thmoisepho toparchy. Col. i has only a few letters from the ends of lines. In Cols. ii-iii money was required for the writer's salary, grass-seed, seed-corn, expenses, and unspecified $\check{\epsilon}$ pra. A deduction for wine sold at the same rate as that in 1577. II occurs in 1. II. All three columns contain the signature of Sarapammon authorizing the payment (cf. 1577. 16), and in Col. iii a different person has added a note ordering the payment of an instalment of a sum due to Didymianus for an $\grave{\epsilon} \pi \iota \theta \dot{\eta} \kappa \eta$ (note of credit; cf. 1055. 6, B. G. U. 1064. II). Written in the 4th year of an unnamed












 ${ }_{\epsilon}^{6} \rho \gamma a$. The date is Choiak 20 of the 4 th year. ${ }^{33}$ (4th h.) $\bar{\epsilon} \xi o \delta($ iarov $) \Delta i \delta v-$

 is an account, to be published in Part xiii.

## (9) Private Correspondence.

1579. $2.8 \times 5.4 \mathrm{~cm}$. Third century. Invitation to a marriage-feast, similar to

 across the fibres.
1580. $2.6 \times 6.4 \mathrm{~cm}$. Third century. Another invitation to a marriage-feast ;
 ${ }^{3}$ à $\pi \grave{o}$ ढ̈p(as) $\eta$.
1581. $13.4 \times 10.6 \mathrm{~cm}$. Second century. A letter, not quite complete at the end, from a woman to her 'brother' (the use of such terms is often conventional ; cf. 1298. ${ }^{5} 5$, n.), urging him to make Sarapion (a son or younger brother ?) work (cf. 1493. II-I4), and promising to send some bread, besides







 [ $\dot{\alpha} \delta \bar{\epsilon} \lambda \phi \hat{\omega} \iota$ ?
1582. $14.5 \times 12.7 \mathrm{~cm}$. Second century. Conclusion of a letter from a man to his 'brother', written across the fibres, expressing joy at the recovery of





 à $\grave{\epsilon \lambda(\phi \hat{̣}) ~ \grave{~ a ̀ o ̀ ~ ' ~} А \beta a \sigma \kappa(a ́ v \tau o v) . ~}$
1583. $9.4 \times 11.8 \mathrm{~cm}$. Second century. A letter to a friend, asking for various






 $\left.\sigma^{\prime}\{\dot{v} \mu a \hat{s}\}\right\}^{13} \epsilon ข ้ \chi o \mu a l$. On the verso ${ }^{14}$ à $\pi o ́ o ̀ o s ~ \Delta ı \sigma \kappa \kappa[o] \rho a ̂ \tau \iota . ~$
1584. $20.8 \times 7.8 \mathrm{~cm}$. Second century. A letter from Theon to his two 'sisters' (cf. $\theta v \gamma a ́ r \eta \rho \quad i \mu \hat{\nu} \nu$ in 1. 31), announcing the dispatch of various articles of clothing, \&c. ${ }^{2-7}$ letters are lost at the ends of lines. ${ }^{1}$ ©' $\omega \nu$












 àmò Пávvov (cf. 1. 9) 'Еттєoклєía (cf. 1. 5) т $\hat{\imath}$ à $\delta є \lambda \phi \hat{\eta}$.
1585. $10.3 \times 5 \mathrm{~cm}$. End of the second or early third century. On the verso of a fragment of a taxing-list, containing parts of 10 lines and apparently mentioning the 30 th year (sc. of Commodus, i.e. A.D. 189-90). An incomplete letter from Severus to Euploius, inquiring about the vintage and proposing to send a boat for the wine. ${ }^{1}[\Pi(a \rho a ̀)] \Sigma_{\varepsilon o v \eta}^{\rho} \rho o v E v i \pi \lambda o ́ \varphi$. ${ }^{2} \mu \epsilon[\gamma] a ́ \lambda \omega s$. $a \mu \epsilon \iota \varphi$ (the first letter corrected or deleted) єľХatє $\pi \epsilon \epsilon \mu \psi a \iota \mu о \iota \phi a ́ \sigma \iota \nu$



 $\mu \in i v[a \iota .$.
1586. $12.5 \times 9.5 \mathrm{~cm}$. Early third century. A letter from a man to his 'sister', consisting of the conventional good wishes and salutations. A midwife







1587. $20.8 \times 8.7 \mathrm{~cm}$. Late third century. A letter chiefly concerning various documents. A few lines at the end and probably $5^{15-19}$ letters at the beginning of each line (cf. 11. 5 and 19) are missing. ${ }^{1}$ Xaipocs (or Xaî $\epsilon$ ),












1588. $12.7 \times 11.3 \mathrm{~cm}$. Early fourth century. A letter, incomplete at the end, from Dorotheus to his father about demands for money which were being made by creditors, assisted by a soldier in attendance upon the epistrategus, this being one of the latest mentions of that official. The reign is not earlier than that of Diocletian, as is indicated both by the handwriting and the









1589. $5.9 \times 14 \mathrm{~cm}$. Early fourth century, 1575, which was apparently written in A.D. 339, being on the verso. A letter in two short columns, of which the first has only a few letters from the ends of lines. In Col. ii the writer is concerned with an $\dot{a} \pi o \gamma \rho a \phi \eta$ ' and speaks of coming 'to Egypt', but concludes with directions for sending some wine, so that probably he was at Alexandria, which is distinguished from Egypt in e. g. the praefect's titles. An unknown word $\mu o \sigma \theta i o v$, a diminutive of $\mu$ oṽ $\sigma o s$, meaning apparently a jar or some other measure of wine, occurs in 1. 16. Col. i: $\left.\left.{ }^{1} \chi\right] a i \rho \epsilon \iota \nu .{ }^{9}{ }^{6} \gamma \rho a \psi\right]$ ] $\sigma o \iota \dot{\omega}$




 ${ }_{\epsilon}^{\epsilon} \rho \rho \omega-{ }^{19} \sigma o ́ \mu 0 \iota, \kappa \dot{v} \rho \iota \epsilon$. The writing is across the fibres.
1590. $11.6 \times 13.5 \mathrm{~cm}$. Fourth century. Conclusion of a letter of Demetrianus, with two postscripts, one complaining that a certain Syrus had broken faith with him about the payment of a debt, which Demetrianus wished to be collected, the second asking that pressure should be brought to bear upon two v́opomápoxoı (cf. 729. 16, Wilcken, Archiv, iv. 120) to lease the right of





 àp $\frac{1}{}$ рiov. каi $\theta \epsilon \lambda \eta^{\prime}-{ }^{13} \sigma[a \tau \epsilon] \mu \eta\left[\ldots\right.$ In the left-hand margin $\left.{ }^{14}\right] \ldots$ ov $\sigma$ ov $\ddot{\omega} \sigma \tau \epsilon$

1591. $9.7 \times 6.8 \mathrm{~cm}$. Fourth century. Beginning of a letter from a father to his son, telling him not to make cakes ( $\psi \omega \mu i a: c f .1489 .5) .{ }^{1} K v p i ́ \omega ~ \mu o v ~ v i ̣ ̂ ̣ ~$


 with traces of another line. On the verso is an account in 4 lines.
1592. $5 \times 10.3 \mathrm{~cm}$. Late third or early fourth century. Fragment of an early Christian letter from a woman to her 'father', written in small uncials with contractions of кúpıos and maríp (different in 11.3 and 5) ; cf. 1493.




1593. $21 \times 14 \mathrm{~cm}$. Fourth century. A letter to Ischyrion, which has lost the beginning and consists mainly of entreaties to write. ${ }^{1}[\ldots . .$. .]! [ 25 letters













## I N D I C E S

## I. KINGS AND EMPERORS.

Cleopatra YI and Antony.
ётоя к ка каі ऽ 1453. 22.
Julius Caesar.
$\theta$ cós 1453. 1 I.

## Augustus.




## Tiberits.


Clatdies I.


Vespasian.
Oíєo


## Domitian.




Trajan.



## 1454. II.


$\theta$ eòs Tpatavós ( $\check{\epsilon}$ т. $\gamma$ ) 1452.57 (?).
Hadrian.






## Antoninus Pius.




## Marcus Aurelius (Commodus).



 ( $\check{\tau} \tau .15$ or $\varsigma \zeta$ ) 1451. 8.

Commodus.



## Septimius Severus (Caracalla, Geta).




 $\Sigma \in \beta a \sigma \tau o ́$, ёт. ө) 1473. 42.


 а) 1548.28.




єттоя $\eta$ 1405. у 3 .

## Caracalla.











## Elagabalus (Severus Alexander).





## I. KINGS AND EMPERORS

## Severts Alexander.





Pupienus and Balbinus (Gordian III).



## Gordian III.




## Philippus I (Phlilppus II).

Aít. Фí入ıтлаs $\Sigma_{\epsilon} \beta$. 1466. 6.


є̃тая $\beta$ 1466. 2, 9 (?). ${ }^{\text {є́т. є 1556. verso (?). }}$

## Decrus.

 1464. I 2.

Gallus and Volustanus.




## Valerian and Gallienus (Saloninus).

 (ढ้т. $\beta$ ) 1557. 13 .

є̃тоя $\zeta 1407.8$.
Macrianus and Quietus.

oi ки́ $\rho . \dot{\eta} \mu \hat{\omega} \nu$ Макр. каì Кvฑ̂т. $\Sigma \epsilon \beta$. 1555. 6.
ëтas $[\pi \rho \hat{\omega}]$ тov ("A $\theta \dot{v} \rho \kappa \eta$ ) 1411. 20.

## Gallienus.


Гал入ıๆиòs $\Sigma_{\epsilon} \beta$. (є̈т. เঠ) 1475. 2, 47, 50.


## Claudius II.



Aurelian.





Probus.

 1562. I, 26.

Carinus.

є̈тоs [ $\beta$ ] 1412. 2 I.
Diocletian (Maximian).





Galerius (Maximinus).

Constantine (Licinius).

є̈тos $\uparrow 7,15, \eta$ 1574. 4.



## Uncertain.

o]s Eủv. Eủt. $\Sigma \in \beta$. (Valerian or Gallienus ?) 1407. 9.

${ }_{\delta} \Sigma_{\epsilon} \beta$. $\dot{\eta} \mu \hat{\omega} \nu$ ки́ $\rho$. 1504. 4.

oi кúpıo ( Є̈т. є) 1519. 16.





Kaírapos 入óyos 1434. 16.

 $\sigma$ tólos 1451. 1, 14 .

## II．CONSULS AND ERAS．

## Consuls．



 ímateias＇Avıíov［Пav入ivov tò $\beta$ ］кaì Oúıpiov 「ád入ov（298）1489． 24.


1425．1．
toîs éøo $\mu$ évols ínátots tò $\delta(324) 1430$ ．I．






## Eras of Oxyrhynchus．

ётоя $\lambda a, ~ เ \gamma, \delta(337-8) \mathrm{pp}$. 89－90．
є̈тоя $\lambda \beta,[\iota \delta], \epsilon(?)\left(33^{8-9}\right) 1575.4$.
є̈́тоя $\mu \epsilon, \kappa \zeta$ ，ıа（35 I－2）1431． 5 ．
є̈тоя $\mu \zeta$ ，к $\theta$ ，$\beta$（353－4）pp．89－9о．
є̈tos $\epsilon$（？）（early fourth cent．）1494．int．

## III．MONTHS AND DAYS．

```
Ө́\omega
Фa\hat{\omega}\phi
'A0vi\rho
Xoíak ('A\deltaplayós 1451. Io)
Ti\beta\mp@code{\iota}
Mє\chiєíp
Фа\muє\nu\dot{\omega}0
Фар\muо\hat{v}\mp@subsup{0}{\iota}{}
```



```
\Piаuิ\nu
'E\pi\epsiloni申 (a \Sigma\epsilon\betaa\sigma\tau\eta'\eta 1447. 2)
Mє\sigmao\rho\eta
\epsiloṅ\piа\gamma\deltaцє\nuа\iota \etä\muєра\iota (1565. 2; cf. 1453. 20)
```

Aug．29－Sept． 27
Sept．28－Oct． 27
Oct．28－Nov． 26
Nov．27－Dec． 26
Dec． 27 －Jan． 25
Jan．26－Feb． 24
Feb．25－March 26
Narch 27 －April 25
April 26－May 25
May 26－June 24
June 25 －July 24
July 25 －Aug． 23
Aug．24－8

## IV．PERSONAL NAMES．

＇Aās s．of Horus 1446． 85.
＇А $\beta$ áбкалтоs 1416． 20 （？）．
—— 1582． 15.
＇A $\beta$ เขoû̀ fleece－seller 1519． 4.
＇Aßpáva $\xi$ deity 1566． 4.
 1475．10，37，43， 46.
－1420．8， 10.
＇A ${ }^{\prime}$ àòs $\Delta a i \mu \omega \nu, \Sigma a \rho a \pi i \omega \nu$ ó каi＇A．$\Delta$ ．ex－agora－ nomus 1475．7，ir．
— strategus 1422． 3 ；1452．1， 28.
—＿$\Sigma \epsilon \pi$ ríplos $\Delta \iota o \gamma \epsilon ́ \nu \eta s$ ò каi＇A．$\Delta$ ．бúvòıkos 1413．8，14，17， $3^{2}$ ；1414．7， 9.
——Ev̈moроз ó каї＇A．$\Delta .1413 .29,3^{1} ; 1496$. 26.
＿1489．4， 6.
＇ $\mathrm{A} \gamma \mathrm{a} \theta \omega \nu 1530.10$.
＇A $\gamma \dot{\eta} \nu \omega \rho$ ó каì Өєó $\in \nu$ аs s．of Apollonius 1473. 29，32， 34 ．
＇Aєûs s．of Mysthes 1446． 54.

＇A $\begin{aligned} & \text { quais m．of Dioscurides 1510．} 2 . ~\end{aligned}$
－＿1578． 12.
Aìıavós s．of Euphranor，archidicastes 1472． 8.
Aỉoupi $\omega \nu$ ，Aủp．A．s．of Zoìlus 1458．2， 6.
Aí $\lambda_{\lambda \iota a \nu o ́ s, ~ \Lambda . ~ M o v ́ \sigma \sigma ı o s ~ ' A . ~ p r a e f e c t ~ 1468 . ~}^{1 .}$

Aipi入ıos ${ }^{\text {＇Pourtıкıa }}$ ós deputy－praefect 1469． 1.
——＿ミréфavos s．of Hatres 1405． 15.
＇Aï $\omega$ vés s．of Tryphon 1446． 14.
＇Akâs s．of Akouis 1446． 30.
＇Aкоıкєús f．of Heraïscus 1446． 7.
＇Akoūıs f．of Akas 1446． 30.
－＿s．of Lalas 1446． 27.
－s．of Pesouris 1446． 26.
＇Aкoûs（gen．＇Акой）f．of Saras 1432．3．
＇Aкovбi入aos ex－hypomnematographus f．of
Erigenes 1496． 24.
——ó каì $\Delta$ ıovígıos sitologus 1530． 19.
＇Axтıaбíw senator 1415．5， 11.
＇Akúdas praefect 1434． 12.
＇A入ßivos，＇Poúфıos＇A．consul 1470．1．

—— $\Sigma \in \pi \tau i \mu$ tos＇A．senator 1522． $5,6$.
—— A $\rho \rho$ ．＇A．1475．3；p． 228 ；1561． 20.
—f．of Sarapion 1526．in．

＇A $\lambda \epsilon \xi i \omega \nu,] \omega \nu$ ó каi＇A．1496． 36.
${ }^{*} A \lambda$ ıs s．of Apollophanes 1536． 6.
＇$A \lambda \lambda_{[ }$．．．．］$]$o（ ）f．of Taisseis 1515．i 9.
＇A入úmios 1491．int．，I．
＇A $\mu$ а̧óvıov，Tanóбıрıs $\dot{\eta}$ каi＇A．W．of Demetria－ nus 1542． 5.
＇A $\AA$＇́ $\rho \mu \nu$ оя f．of Dionysius 1463． 5.

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——［＇H $\lambda \iota o ́$ ？$] \delta \omega \rho$ os ó каі X．1496． 35.
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3， 10,13 ， 15.
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＇A $\lambda \in \xi$ Gעס pivos $\sigma$ тóлas 1451．I， 14.
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24.
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 1459． 7.

ধ́ $\pi \iota \sigma \tau \rho a ́ r \eta \gamma$ оs 1416． 2 ；1460．int．；1588．IO． ó кри́тьтtos є́ $\pi$ ．1413． 30 ；1415．8， 9 ； 1573．8．М $\eta \tau \rho o ́ \delta \omega \rho o s \delta \iota \epsilon ́ \pi \omega \nu \tau \grave{\eta} \nu \epsilon ่ \pi \iota \tau \tau . ~(260) ~$
 fíav（unnamed）1562．17，18．Сf．є́ть－ бт $\rho a \tau \eta \gamma \eta \dot{\sigma}$ аs．


є̇літротоя 1416． 27 ；1417．＋；1420．9．Cf． ov̉𧰨ıaкós．
є̇тьфау́́бтатоs Kâ̂бap 1425． 2.






خү $\quad u ́ \mu \in \nu o s$ 1587． 22.
$\theta v \sigma i a t$ ，oi $\epsilon \in \pi i ̀ \tau \hat{\omega} \nu$ ． ．aipє $\theta \in ́ \nu \tau \in s$ 1464．I．
iaroós，ঠŋ $\mu$ órıos i．1502．ı， 5 （？）；1556． 2.
ítos $\lambda$ ó jos 1436． 24.
$i \epsilon \rho a ́$, oi $\epsilon \pi i \tau \tau \hat{\omega} \nu$ i $\epsilon \rho \hat{\omega} \nu$ 1453． 13.
 Aíyúmtov коі $\Lambda \iota \beta u ́ \eta s ~(292-3$ ？）1410．2．ó ঠıаб．каӨ．1509． 6.
 к．1474． 7.
ката入охıбно́s，ò $\pi \rho o ̀ s ~ \tau о i ̂ s ~ к . ~ 1461 . ~ 2, ~ 23 . ~$
 1415．6．к．оі้аข 1415． 5.
ко८ข̀̀ $\tau \hat{\omega} \nu$ коб $\mu \eta \tau \hat{\omega} \nu 1413.34$.
коб $\mu \eta \tau \epsilon$ v́баs＇A入є $\xi^{2} \alpha \delta \rho \epsilon$ ías 1498．5．
коб $\mu \boldsymbol{\tau} \boldsymbol{\prime}$ s 1412． 2 ；1413． 34 ；1416． 18. єैעархоs к．1458． 3 ．
кра́тьттоs，ó к．＇А $\mu \mu \dot{\omega} \nu t o s ~ 1412 . ~ 9 . ~ \delta ~ к . ~ А і ј р . ~$ ＇ $\mathrm{A} \mu \mu \omega \nu i ́ \omega \nu$ 1544．2．к．ठьоккт $\eta$ s 1409． 3 ；
 1415．8， 9 ；1573．8．о к．$\dot{\eta} \gamma \in \mu \dot{\rho} \nu 1547$. 4．í к．$\beta$ ou入̀́ 1418．I ；1460．int．
 1461． 9.
$\kappa \omega \mu \dot{\rho} \rho \chi \eta$ я 1421． 2 ；1426． 5,6 ；1430． 6 ； 1456．I 2 ；1469． 2 ；1507． 2.
кюцоүрацдатєи́s 1422． 9 ；1434． 2 ；1480． 8 ； 1549． 23.
 I 5．$\lambda . \vec{\epsilon} \pi a \rho \chi{ }^{\circ}$（consul）1426．2．$\lambda . \dot{\eta} \gamma \epsilon \mu \dot{\omega} \nu$ 1548．5．$\lambda а \mu \pi \rho о ́ т а т о \iota ~(c o n s u l s) ~ 1559 . ~ 2 . ~$
入аоүрáфоз 1468． 26.
入oүıбтйs，Ф入．＇Epuias（332）1426．3．$\Delta \iota \sigma \sigma-$ коuрións（logistes？） 1509.5.
$\mu \in i \zeta \omega \nu$ 1556． 8.
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$\mu \epsilon ́ \rho o s ~ 1428.7$.


עаик入ŋрі́a 1418． 8.
ขаи́кл $\eta \rho$ оs 1407． 13.

1463．I，26．$\delta$ táooरos（ $\nu о \mu$.$) Av̉ \rho$ ．＇A $\pi o ́ \lambda \lambda \omega \nu$
о каi $\Sigma \epsilon \rho \eta \eta_{\nu}$（ 2 I 5）1463．2， 27.
$\nu о \mu$ кќ́pıos 1416． 21.

ঠ̀vך入átŋs 1425．8．Cf．$\beta a \delta \iota \sigma \tau \eta \lambda a ́ \tau \eta s . ~$
о́ $\iota о \delta є і ́ к т \eta s$ 1446． 92.
ov̇兀ıако́s，ó крátıбтоs oủ．（sc．є̇тiтротоs）1514． 3 ．
ó $\phi \phi$ ィкเá入ıos 1423． 3 ；1428．8，12．ỏ．тá $\xi \in \omega s$

тараұи́тŋs $\delta \eta \mu . \beta a \lambda a \nu \epsilon i o v ~ 1499 . ~ 2 . ~$
татрі́кıos 1470． 1.
$\pi \epsilon \rho i o \delta o s ~ 1552.3$.
тотацітәs 1427． 1.
$\pi 0 \lambda$（ıтєvó $\mu \in \nu 0$ ？？）1501． 3 ．
$\pi \rho a \gamma \mu a \tau \epsilon v \tau \eta$＇s 1514． 1,6 ；1544． 1,4 ； 1569． 7.
praefectus Aegypti 1466．І．Cf．є̈тархоs．
$\pi \rho a \iota t o ́ \sigma \iota \tau$ 1506．1．$\pi$ ．$\eta \pi a ́ \gamma o v ~ 1425.4$. Cf．Index IX．
$\pi \rho а к т о \rho є i ́ a ~ \grave{\alpha} \rho \gamma v \rho \iota \kappa \hat{\omega} \nu к \omega \mu \eta \tau \iota \kappa \omega ิ \nu \lambda \eta \mu \mu a ́ \tau \omega \nu 1405$. 20.
$\pi \rho a ́ к \tau \omega \rho$ ．（ 1 ）«’ $\rho \gamma v \rho \iota \kappa \hat{\nu} \nu \mu \eta \tau \rho о \pi о \lambda \iota \tau \iota \kappa \hat{\omega} \nu \lambda \eta \mu \mu \alpha ́ \tau \omega \nu$ 1433．7， 37 ；1521． 3 （om．$\lambda \eta \mu \mu$ ．）．（2） Ө $\mu$ ибєф̀̀ тотархías 1436．34．（3）入аоура－ фías 1520．4．（4）$\mu \eta \tau \rho о \pi о \lambda \iota т \iota к \omega ̂ \nu ~ 1538 . ~$ 17．（5）$\pi о \lambda \iota \tau \iota \kappa \hat{\omega} \nu ~ 1419 . ~ 2 . ~(6) ~ \sigma \tau \epsilon ф а \nu \iota-~$ $\kappa \omega ิ \nu 1441.4$ ；1522． 3.
$\pi \rho \epsilon \sigma \beta \epsilon \tau \tau \dot{\eta}{ }^{\prime}$ 1560．I I．
 24.


$\pi \rho$ итavєv́बas 1413． 6.
$\pi \rho$ útavıs 1406． 6 （？）；1413．4，5，6，9，10， 12 ， 13， $25,30,34 ; 1414.4$, I3，I9， $23-9$ ； 1415．i sqq．1418．I ；1419．i ； 1496. $28 ; 1499.1$ ；1503．3，16，18．ধ゙vap $\pi$ ．1412． 4 ；1515． 2.

бıro入oyía 1510． 9 ；1530．1．

бוто入áyos 1443．4；1510． 4 ；1525． 3 ； 1526． 3 ；1530． 20 ；1539．4， 11 ； 1540. 4．12，14；1541．3，8；1542．3， 14.
бєто入оү⿳⺈ 1447.3.
бкріßаs 1417． 10.
бтрат $\eta \gamma \dot{\eta} \sigma a s, \sigma \tau \rho a \tau \eta \gamma i a$ ．See $\sigma \tau \rho a \tau \eta \gamma o ́ s$.
бтратпүós．（1）＇Avтatomo入itov，Aùp．Dtovíctos


 （＇Eлтà̀ $\nu о \mu \hat{\omega} \nu$ каì＇A．）；1409．2，7，12．（4） $\tau \bar{\eta} s \pi o ́ \lambda \epsilon \omega s$（sc．Alexandria），］vpı．os Aippí $\lambda \iota o s$
 s．of Dioscorus $\delta a \delta \delta \epsilon \chi$ ．$\sigma \tau \rho a \tau \eta \gamma i a v$＇O．（276－
 $\sum \omega \sigma i \beta ı o s ~ \sigma \tau \rho a \tau \eta \gamma \dot{\eta} \sigma a s(72-3) 1452.44$.

 $\Delta а i \mu \omega \nu$（ $127-8$ ）1422． 3 ；1452．і， 28.

 $\gamma \rho а \mu . \delta \iota a \delta \epsilon \chi . \tau \grave{\eta} \nu \sigma \tau \rho$ ．（199）1473．20， 23. ＇A $\mu \mu \omega ́ \nu l o s ~ \delta t a ́ \delta o \chi o s ~(209) ~ 1580 . ~ 2 . ~ A u ̀ \rho . ~$ ＇Avoußicy（214－16）1432．I；1474．I； 1525．I．Aùp．＇Артократív（219－20） 1460．3．Фл．＇Артократішу（238） 1433. 2，33．Aíp．Птодєцаios ó каi Nє $\mu \epsilon \sigma$ тavós （259－61）1411．1；1502． 7 ；1555．1．
 （275）1455．I．Aíp．＇Артократiш̀（278） 1409．I．Aủp．ムє由viôns（3rd cent．） 1405. 14．Aùp．Фı入iap才os ó каi＇$\Omega$ рíw $(284-6)$ 1456．I．＇Epuias（324）1430．2， 25. （unnamed）1414．4，19；1415．4，II，I3； 1417．I 5，19，22，23， 27 ；1421．г； 1444. I；1446． 102 ；1469．10， 18 ；1470．3， 6 （？）；1472． 5,28 ；1473． 4 1；1474． 4 ； 1559． 2 ；1560． 6.
$\sigma v \gamma \gamma \rho а \mu \mu а т \epsilon \dot{\omega} \omega \nu$ 1427．2．
бv入入ékтクs ö้ขov 1415． 9.
av́vo̊̌kos 1413．9，14，17，33；1414．7， 10 ； 1417． 7,13 ．
สขбтátทs 1509．1；1551．5．
таце̂̂̃ 1562．15．тò $\tau . \hat{\eta} \mu \omega ิ \nu ~ 1405.3,8 . ~ \tau \grave{o}$ ієро́татои т．1558． 7 ．
тадака̀̀s 入óvos 1414．8， 9.

 ঠıабทцота́тоv т．1467． 23.
$\tau \in \sigma \sigma a \rho \alpha ́ p t o s ~ 1425 . ~ 5 ; ~ 1430 . ~ 4 . ~$
т $\eta \rho \eta$ चйs 1507． 5 （？）．
$\tau \iota \dot{\eta}$ ，àт̀̀ $\tau \iota \mu \omega \nu$ 1413． 6 ；1498．І， 2.
тра́тє̧̆а 1435．4，і1．ঠ̀ пиобіа т．1419．5； 1432．17；1433．28， $5^{1}$ ；1473．26．$\dot{\eta}$

 1411．9．

тратєऽirns 1411． 6 ；1499．і ；1500．1．ठ $\eta \mu$ о－ бí $\omega \nu$ х $р \eta \mu$ áт $\omega$ т．1415． 14 ；1430． 9.
vimateía，ひ̈лaтos．See Index II．
íл $\eta \rho \epsilon \sigma$ тia 1509． 4.
vinๆย́тทs 1409． 23 ；1556．1 ；1573．1， 6. v．ßoviñs p． 20.
ітоципиатоүрафŋ́баs 1496． 24 ；1498． 5 （？）．
ілтоципиатпүра́фоs 1412． 2 ；1413．8，14， 17 ， 32 ；1414．7，10；1434．Io（Alex．？）； 1461． 2.

ф＇́бкоs 1551．I 7 （？）．
 1522．10；1573．10；1578．19．
хрєía 1425．го；1426．15．

$\chi \dot{\omega} \mu а т а, ~ \grave{\epsilon} \pi i ̀ \tau \omega ิ \nu \chi$ 1469． 9.
$\chi \omega \mu$ ат $\pi \epsilon і к т \eta$ 1469． 20.
$\chi \omega \mu a(\tau \epsilon \pi \tau \mu \epsilon \lambda \eta \tau \dot{\eta} s)$ 1546． 2.

## IX．MILITARY TERMIS．

ala 1511．II．
Apamenorum cohors 1511． 1.
 a．ảmò $\sigma$ tó入ov 1508．3．Cf．emeritus．
cohors Apamenorum 1511．1．Cf．$\sigma \pi \epsilon i p a$.
$\Delta a \lambda \mu a ́ t a \iota 1513.2$.
סov́ध 1431． 3 ．
є́като́ขтархоз 1424． 2 ；1428．8．Сf．трі́үкъ廿．
emeritus 1511．6．Cf．ảmoдє $\lambda_{\nu \mu}{ }^{\prime} \nu$ os．
є́vтí $\mu \omega s$ à $\pi о \lambda є \lambda \nu \mu \epsilon \not ้ \nu$ 1459． 4 ；1471． 6.
 1472．9．（2）$\sigma \tau o ́ \lambda a v ~ \Sigma \epsilon \beta a \sigma \tau o \hat{v}$＇A $\lambda \epsilon \xi a \nu \delta \rho i v o v$ 1451．I，I4．Cf．praefectus．
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iттıкós．See $\sigma \pi \epsilon i ̂ \rho a$.
Kouцаү $\nu \nu$ í．See $\sigma \pi \epsilon i ̂ \rho a$.
legio 1511． 5 ．
$\lambda \epsilon \gamma \iota \omega \nu a ́ p \iota o s ~ 1419.7$.
ò $\pi \tau \iota \omega$ и 1513． 5 ．
ov̀єтра vós 1451．І 2 ；1459．3；1470．3，Іо．
$\pi \alpha \rho \epsilon \mu \beta$ о $\lambda$＇1481．3．Cf．Index V（c）＇I $\pi \pi \epsilon \epsilon \omega \nu$ and $\Lambda v к i ́ \omega \nu ~ \Pi a \rho . ~$
praefectus alae 1511．II．pr．cohortis 1511.

1．pr．legionis，］us Marinus 1511．5．Cf．
є＇пархоя．
траєто́бьтоя 1513．4，І 5．Cf．Index VIII．
$\pi \rho i \gamma \kappa \iota \psi$ 1424． 22 （ $=$ centurio princeps）； 1513． 16.
$\pi \rho \iota \mu \iota \dot{\eta} \rho(\imath)$ os 1513．І7．
 cohors．
 1451．I，I 4.
 татоє $\sigma$ ．1412．6；1415．7；1543．3； 1572． 5 ．
tabularius 1511．4，Iо．
тєб大арápıos（not military ？）1425．5；1430． 4 ．


## X．TRADES．

à борєити́s 1590．I．
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à $\lambda \iota \epsilon$ ús 1446． 27 ；1517．Іо．
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［à $\rho \chi \iota$ ？？］тéкт
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ßaঠıбтך入átทs 1514． 2.
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र＇́ि $\delta$ tos 1519． 12.
$\gamma є \omega \rho \gamma$ ós 1409．9；1424．4； 1526．9；1532；1542．7， 10；1571． 2.
${ }^{\epsilon} \mu$ коороs 1519． 8.
еттітротоя 1577．у ；1578．у．

ép епиєи́s 1517． 6.
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iatpivj 1586． 12.
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$\kappa \lambda \epsilon \iota \delta \circ \pi \circ$ oós 1518． 2 I．
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коvpeús 1518．5．кovpís 1489．9．
$\kappa \nu \beta \in \rho \nu \eta ́ т \eta s$ 1554． 6.
$\kappa \omega \delta a ̂ s ~ 1519 . ~ 4 . ~$
$\lambda a$ gós 1547．ェ 6 sqq．
入є七́́ктороs 1414． 7 （？）， 9.
$\lambda_{\iota \nu o ́ v ̈ \phi o s ~ 1414 . ~ I ~ I-I ~}^{3}$ ．
$\mu_{0} \lambda \nu \beta a ̂ s ~ 1517 . ~ 12 . ~$
$\mu \nu \lambda(\omega \nu$ кко́s）1446． 54.
ขаи́кえ $\eta$ раs 1407．І3．
ขavitкós 1488．5；1544． 8. оікодо́́иоs 1450． 3 ； 1569.
recto，verso 2,30 ．
оікодо́лоs 1560． 4.
oivom $\dot{\omega} \lambda \eta s$ 1519． 9.
ঠ̀vク入áт $\eta \mathrm{s}$ 1425． 8 ；1517． 8.
 ò $\rho \nu$ tâs 1568．I．

тлакоขขтâs 1495． 7.
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тортâs 1519． 7.
тотаціт 1427. 1， 2.
$\pi \rho a ́ t \eta s(a ̈ \rho \tau o v) 1454.2,10$.

5 ．
р́ๆ̆т $\omega$ 1502． 3 （？）．
бvvท่ үopos 1479． 5 ．
татŋт́́pıos 1431． 2.
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$\tau \epsilon ́ \kappa т \omega \nu$ 1550．19．
$\tau \epsilon \chi$ vín s 1413．26， 27,33 ；
1450． 22.
ข́ঠоота́ро $о$ оs 1590． 8.
vimovpyós 1414．Iz．

2；1578． 2.
$\chi \epsilon \iota \iota \sigma \pi \eta$ s．See Index VIII．
хрибохо́os（－хovs П）1582．1．

## XI．WEIGIITS，MEASURES，COINS．

## （a）Weigits and Measures．

аує́үเор 1482．I 3.
üроира 1434．i 8 sqq．；1437．2；1441．7； 1445．I sqq．；1446．＋sqq．；1459．I I sqq．；1470． 12 ；1475．16，20．Frac－ tions：$\frac{2}{3}$ 1445． $1 ; 1459.29$ ；1490．int． $\frac{1}{3} 1459.25 . \frac{1}{128}, \frac{1}{512} 1437.5$.
¿¿гта́ßך 1434． 23 ；1440．5，6；1443－6． passim ；1447．5；1454．6（＝ 30 сиртөи）， 7， 9 ；1459．I I sqq．；1465． 3,$6 ; 1472$ ． 19， 22 ；1473．14；1474．13， 22 ； 1482. 9 ，Іо；1514．3，4；1522．verso $\mathrm{I}-5$ ； 1525．S；1526－31．passim ；1535．I 2 ； 1539．S，9，I5，І7；1540．6，7，I4，I5； 1541． $4,6,7 ; 1542$ ．I 1, I 2, I 3 ； 1544. ıо；1549．ı6；1571．6，7；1572．3－5； 1575．3．Fractions：$\frac{1}{3} 1445$ ．2．$\frac{1}{8} 1445$. 3 sqq．$\frac{1}{5}, \frac{1}{10}, \frac{1}{15}, \frac{1}{20}, \frac{1}{30}, \frac{1}{40}, \frac{1}{50}, \frac{1}{60}, \frac{1}{75}$ ， $\frac{1}{84}, \frac{1}{150}, \frac{1}{200}, \frac{1}{300}, \frac{1}{500}, \frac{1}{60}, 1446.4$ sqq．
＂ipтos（30 to an artaba）1454．4－6．
бра́ $\mu$ а 1430．і7；1524．1 sqq．
$\delta^{\prime} \epsilon \sigma \mu \eta 1430.14$.
$\delta \iota \pi \lambda o v ̃ \nu, \delta \iota \pi \lambda \omega \hat{\nu} \mu \epsilon \rho \iota \sigma \mu o ́ s ~ 1438.20$.
бра $\not \mu \dot{\prime}$ 1449．І 8－20．Сf．（b）．
ऍєūyos 1438． 21 ；1449．53；1535．verso 3， 8，Іо；1584．І9．

＇Італıкŋ́（sc．入íтра）1429． 4.
ки́ $\boldsymbol{\gamma}_{\kappa \in \lambda \lambda о s ~(o r ~-o \nu) . ~ S e e ~}^{\mu \epsilon ́ т \rho o v . ~}$
кєขт $\eta \nu a ́ \rho \iota o \nu 1430 . ~ I 4$.

кєра́цьоข 1473．І5；1483．7；1488．4；1569． 4,$5 ; 1577$ ．I2；1578．II．
кєра́тьод 1429． 5 （？）．
кขí̊七七 1494．І 6 （ $\pi a \lambda a \iota o ́ v), ~ І 7 ; 1574.2$.
котú入 $\eta$ 1449． 65.
койфоу 1497． 8.
$\lambda є \pi \tau o ́ v$ 1476． 5 sqq．；1563． 8.
$\lambda_{\text {íт }}$ а 1449．44，49，50；1454．5；1513． 7 sqq．；1543．6．Cf．＇Італıкף́．
 18， 2 І．$\mu$ ．$\delta \eta \mu$ о́ ．［1454．S．$\mu . \tau$ т ка ккє $\lambda \lambda \omega$ 1447． 4 ；cf．p．І32．$\mu$ ．$\pi a \rho a \lambda \eta \pi \tau<\kappa o ̀ v ~ \sigma o v ̂ ~$ $\kappa \dot{\kappa} \mu \eta$ г $\sum \dot{v} \rho \omega \nu 1474$ ．г 6．$\mu$ ．то̀ $\pi \rho о к є і \mu є \nu о \nu ~ 1473 . ~$

 $\mu o ̂ ̂ \rho a ~ 1476 . ~ 3 ~ s q q . ~ ; ~ 1563 . ~ 3 ~ s q q . ~$
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о̀ ки́ 1449．18－20，44；1497．5．
oैvos 1439．2， 3 ．
оијкіа 1429． 5 ；1449． 49 ；1537． 2 sqq．； 1549． 17.

бтаӨ $\mu$ о́s 1449．І 6， $20 ; 1454.5$.
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[^0]:    ' Proclamation of the Emperor Caesar Marcus Aurelius Severus Antoninus Parthicus Maximus Britannicus Maximus Germanicus Maximus Pius Augustus.

    If a senator strike or censure [in an unseemly manner] the [prytanis] or another senator, he shall be deprived of his rank and set in a position of dishonour. Published at B [abylon?] in the public colonnade, the magistrate in office being Aurelius Alexander son of . . ., of Heliopolis.'

[^1]:    'The 2nd year of our lords Gallus and Volusianus, Caesars Augusti, Pharmouthi 8, at Ibion Chuseos for the 2 drachmae and I drachma taxes of the said 2nd year Aurelia Maxima daughter of Ammonius, citizen, (paid) 36 drachmae, total 36 dr . I, Aurelius Triadelphus also called Sarapion, ex-gymnasiarch, and however I am styled, decaprotus, have signed for 36 drachmae.'

[^2]:    ＇ $\mathrm{\beta} \boldsymbol{\kappa} \grave{\omega} \nu \mathrm{Ta}[\nu.] \epsilon \cdot[\ldots] \rho \epsilon \omega s($ Hermopolite？$) 1440.4$.
    Kóp $\eta$（Delta）1427．I．
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